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INDEX

TO

SUPPLEMENT

TO

Punjab Government Gazette

FOR HALF YEAR ENDING

30TH JUNE 1898.

PART I—Statistical.

Public Works Department, Irrigation Branch.

PART I.

Supplement (Statistics).

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No. 1 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JANUARY 6, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 4th JANUARY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of	
					Kharif (Autumn).	Rabi (Spring).
1	Hissar ...	...	1. Abundant. 2. Good.	Wheat 11 seers. Gram 13 seers. Bájra 22 seers.	Crops being winnowed.	Prospects of crops good. Rain needed. Grain being exported.
2	Delhi ...	...	1. Sufficient. 2. Fair.	Wheat 10¾ seers. Gram 11 seers. Bájra 17½ seers.	...	Prospects favourable, but rain urgently needed.
3	Umballa ...	...	1. Sufficient. 2. Good.	Wheat 12 to 13 seers. Gram 11½ to 12 seers. Maize 23 seers.	...	Crops in good condition. Rain wanted.
4	Jullundur ...	...	1. Sufficient. 2. Good.	Wheat 13 seers. Gram 12 seers. Maize 21 seers.	...	Condition of standing crops good. An early fall of rain would result in a bumper harvest.
5	Ferozepore ...	...	1. Sufficient. 2. Good.	Wheat 12 seers. Gram 12 seers. Barley 16 seers. Jowár 18 seers. Maize 20 seers.	...	Crops in good condition.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharff (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	1. Sufficient.	Wheat 11 seers.	...	Sowings in progress. Crops in fair condition.
7	Lahore ...	...	1. Sufficient.	Wheat 11¾ to 12¾ seers. Maize 17½ to 17¾ seers.	...	Sowings finished. Crops promise well.
8	Amritsar ...	...	1. Sufficient. 2. Good.	Wheat 13 seers. Maize 19 seers.	...	Crops in good condition. Rain wanted.
9	Siálkot ...	Rainfall throughout.	1. Scarce. 2. Losing condition.	Wheat 12 to 12½ seers. Rice 9 to 9½ seers.	Sugarcane pressing going on.	Condition of standing crops good. Rain wanted.
10	Shahpur ...	...	1. Sufficient.	Falling. Wheat 11½ to 12½ seers. Bájra 16½ to 18 seers.	...	Crops promising.
11	Ráwalpindi...	0·60 at Sadr. 0·14 in Attock. 0·20 in Murree.	1. Sufficient.	Falling. Wheat 12¼ seers. Bájra 16 seers. Maize 18 seers.	...	Prospects good.
12	Peshâwar ...	0·32	1. Sufficient.	Wheat 11 $\frac{6}{16}$ seers. Maize 18 $\frac{6}{16}$ seers.	Sugarcane being pressed. Outturn average.	Recent rain benefited the standing crops. Locusts passed over Chársadda and Peshâwar Tahsíls, but caused no damage. Wheat and barley still being sown.
13	D. I. Khan	0·04 in Tank.	1. Sufficient except in parts. 2. Good.	Wheat 12½ seers. Bájra 16 $\frac{14}{16}$ seers.	Cottonpicking in progress. Outturn a little below average.	Condition of standing crops good.

GENERAL REMARKS.

Rainfall.—Rain has fallen in Siálkot, Ráwalpindi and Peshâwar. Slight fall is also reported from parts of Dera Ismail Khan.

Prices.—Prices are mostly unchanged. They are only falling slightly in Mooltan, Lahore, Shahpur, Ráwalpindi and Peshâwar. Wheat is selling from 10¾ to 13, gram 11 to 13, barley 16, bulrush millet 16 to 22, maize 17½ to 23, great millet 18 and rice 9 to 9½ seers per rupee.

Agricultural operations.—Harvesting of autumn crops nearly over. Sugarcanepressing and cottonpicking still going on. Sowings of spring crops nearly finished in all districts except Peshâwar, where wheat and barley are still being sown.

Crops and outturn.—Outturn of sugarcane is reported to be average in Peshâwar and of cotton below average in Dera Ismail Khan. Condition and prospects of standing spring crops are generally good. An early fall of rain is badly needed. Rain where fallen has benefited the standing crops.

Damage done to crops.—Locusts passed over the two tahsíls of Peshâwar, but did no damage.

Agricultural stock.—Cattle are generally in good state except Siálkot, where they are losing condition.

Pasturage.—Fodder is said to be scarce in Siálkot and sufficient elsewhere.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

PRICES CURRENT OF FOOD-GRAINS, &c., IN THE DISTRICTS OF THE PUNJAB FOR THE WEEK ENDING 22ND DECEMBER 1897.

1	2	3		4		5		6		7		8		9		10
		QUANTITIES PER RUPEE BY THE ORDINARY SER OF 80 TOLAS.														
DIVISION.	DISTRICTS.	Wheat.		Barley.		Rice (common).		Jowár or Cholum (Sorghum Vulgare).		Bájra or Cumbu (Pennisetum Typhoideum).		Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).		Maize (Zea Mays).		REMARKS.
		Srs.	Chs.	Srs.	Chs.	Srs.	Chs.	Srs.	Chs.	Srs.	Chs.	Srs.	Chs.	Srs.	Chs.	
DELHI.	Hissar	11	0	17	0	9	0	23	0	21	0	14	0	20	0	
	Rohtak	10	0	17	0	11	0	21	0	19	0	12	0	15	0	
	Gurgaon	11	4	18	0	8	0	20	0	20	0	12	0	15	0	
	Delhi	10	8	17	8	11	0	19	0	17	8	10	8	19	0	
	Karnál	12	0	18	0	8	0	22	0	16	0	10	0	20	0	
	Umballa	12	10	17	8	10	0	24	0	17	0	11	4	21	8	
	Simla	9	10	13	0	7	8	12	0	13	0	9	4	15	14	
JULLUNDUR.	Kángra	13	0	18	0	12	0	†		†		11	0	20	0	
	Hoshiárpur ...	12	12	16	8	10	0	19	0	15	0	12	8	20	4	
	Jullundur	12	0	15	0	8	0	17	0	15	0	11	12	21	0	
	Ludhiána	12	0	17	0	6	0	19	0	17	0	11	8	20	8	
	Ferozepore ...	11	0	15	12	6	12	16	12	16	12	11	0	19	4	
LAHORE.	Mooltan	10	12	15	0	10	8	15	0	14	0	10	12	15	0	
	Jhang	11	4	18	0	9	0	19	0	15	0	10	8	20	8	
	Montgomery ...	11	6	13	0	9	8	17	0	16	0	11	0	18	0	
	Lahore	11	12	15	4	7	8	16	8	16	2	11	6	16	4	
	Amritsar	12	0	16	0	8	4	17	0	15	0	11	0	17	0	
	Gurdáspur	13	0	16	0	9	0	16	0	11	0	11	0	19	0	
RAWALPINDI.	Siálkot	11	12	16	0	10	0	17	0	16	0	12	0	16	8	
	Gujrát	11	0	15	0	6	8	14	0	15	0	10	0	16	0	
	Gujránwála ...	12	0	17	12	9	14	15	8	16	0	12	12	17	12	
	Shahpur	12	0	17	0	8	0	16	0	16	0	12	8	14	0	
	Jhelum	13	0	18	0	8	0	16	0	15	0	12	0	17	0	
	Ráwalpindi ...	11	0	15	12	7	4	14	12	14	12	10	12	16	4	
PESHAWAR.	Hazára	11	4	18	0	8	0	§		12	0	8	12	15	4	
	Peshâwar	10	0	16	0	7	9	14	0	12	0	9	10	17	0	
	Kohât	10	14	16	10	8	0	§		15	8	11	8	15	12	
DERAJAT.	Bannu	15	6	24	6	8	10	25	0	21	4	14	11	27	14	
	Dera Ismail Khan ...	12	8	15	0	6	0	23	0	17	8	13	2	14	1	
	Dera Gházi Khan ...	10	5	14	6	7	13	16	14	16	14	11	14	§		
	Muzaffargarh ...	...		...		...		...		...		...		...		Statement not received.

† Not produced.
§ Not procurable.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 11TH DECEMBER 1897.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males	Females.	Cholera	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	9	4	13	30	17	13		...	...	21	1	...	8	...	1	1	40	93	1
2		Hansi ...	15,190	7	8	15	9	6	3	...	...	...	3	1	...	5	1	1	2	51	31	2
3		Bhiwani ...	35,487	12	16	28	27	13	14	...	...	...	15	2	...	10	2	6	8	41	40	3
4		Sirsa ...	16,415	5	3	8	34	16	18	...	...	...	26	4	...	4	1	4	5	25	108	4
5	Rohtak ...	Rohtak ...	16,191	4	7	11	11	4	7	...		...	2	1	...	8	...	2	2	35	35	5
6		Jhajjar ...	11,881	7	5	12	9	3	6	...	...	...	7	...	...	2	1	2	3	53	39	6
7	Gurgaon ...	Rewari ...	27,934	4	9	13	11	7	4	...	...	...	6	1	...	4	1	...	1	24	21	7
8		Palwal ...	11,227	5	4	9	16	7	9	...	...	...	13	2	...	1	1	...	1	42	74	8
9	Delhi ...	Delhi ...	189,648	75	78	153	141	65	76	...	...	...	74	8	...	59	14	19	33	42	39	9
10		Sonepat ...	12,611	9	7	16	6	2	4	...	...	...	3	...	1	2	...	...	[illegible]	66	25	10
11	Karnal ...	Karnal ...	21,530	10	9	19	16	8	8	...	...	...	10	2	...	4	1	...	1	46	39	11
12		Kaithal ...	15,768	6	15	21	14	8	6	...	...	...	8	1	1	4	2	3	5	69	45	12
13		Panipat ...	27,547	7	17	24	20	5	15	...	...	...	10	3	...	7	...	7	7	45	38	13
14		Shahabad ...	11,473	4	7	11	12	5	7	...	...	...	7	1	...	4	1	1	2	50	55	14
15	Umballa ...	Umballa ...	25,856	11	15	26	8	5	3	...		...	2	1	...	5	3	1	4	50	16	15
16		Jagadhri ...	13,029	5	2	7	12	8	4		...	...	6	1	...	5	2	1	3	28	48	16
17		Sadhaura ...	10,445	6	1	7	9	5	4	...		...	4	3	...	2	2	1	3	35	45	17
18	Hoshiarpur	Hoshiarpur ...	17,546	5	8	13	9	5	4	...	...	1	4	...	...	4	1	...	1	39	27	18
19		Tanda and Urmar	11,632	6	3	9	4	1	3	...	...	...	4	...	...	...	1	...	1	40	18	19
20	Jullundur ...	Jullundur ...	50,375	20	17	37	27	17	10	...	...	...	9	4	...	14	8	3	11	38	28	20
21		Rahon ...	10,667	5	3	8	9	9	...	...	...	...	6	2	...	1	...	...	...	39	44	21
22		Kartarpur ...	10,441	4	6	10	8	3	5	...	...	...	5	...	...	3	1	3	4	50	40	22
23	Ludhiana ...	Ludhiana ...	46,024	12	17	29	59	27	[illegible]	32	...	...	36	7	...	16	2	4	6	[illegible]	[illegible]	23
24		Jagraon ...	18,116	4	4	8	13	5	8	...		...	5	1	...	7	1	1	2	23	37	24
25	Ferozepore	Ferozepore ...	25,337	4	7	11	26	13	13	...		...	10	7	...	9	5	4	9	23	54	25
26	Mooltan ...	Mooltan ...	64,261	32	28	60	76	40	36	...		...	54	8	1	13	7	17	24	49	62	26
27	Jhang ...	Maghiana ...	13,866	5	5	10	13	5	8	...	...	...	3	3	...	7	2	5	7	38	49	27
28		Chiniot ...	13,476	6	7	13	8	4	4	...	...	...	4	...	...	4	2	2	4	50	31	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	60	60	120	116	59	57	..	...	...	68	9	3	36	8	13	21	39	38	29
30		Kasur ...	20,290	6	21	27	9	4	5	..	...	...	3	...	1	5	...	2	2	69	23	30
31		Chunian ...	10,339	7	8	15	15	9	6	..	...	...	5	1	...	9	5	4	9	76	76	31
32	Amritsar ...	Amritsar ...	135,401	62	52	114	110	53	57	..	...	...	50	13	...	47	19	14	33	44	42	32
33	Gurdaspur ...	Batala ...	27,223	22	14	36	12	9	3	..	...	1	9	...	...	2	1	...	1	69	23	33
34	Sialkot ...	Sialkot ...	33,965	25	19	44	30	14	16	..	...	...	11	...	...	19	2	1	3	68	46	34
35	Gujrat ...	Gujrat ...	17,671	9	8	17	9	6	3	..	...	...	4	2	...	3	3	2	5	50	27	35
36		Jalalpur ...	11,065	9	5	14	8	6	2	...	...	...	3	2	...	3	...	1	1	66	38	36
37	Gujranwala ...	Gujranwala ...	25,892	[illegible]	11	27	17	10	7	...	...	...	14	...	...	3	3	...	3	54	34	37
38		Wazirabad ...	15,786	7	4	11	35	20	15	...	...	...	23	...	...	12	5	7	12	36	116	38
39	Shahpur ...	Bhera ...	17,428	8	5	13	20	8	12	..	...	...	12	...	...	8	3	3	6	39	60	39
40	Jhelum ...	Pind Dadan Khan	15,055	6	5	11	33	16	[illegible]	..	...	...	25	4	...	4	1	7	8	38	114	40
41	Rawalpindi ...	Rawalpindi ...	38,334	8	11	19	62	33	29	..	...	...	42	4	...	16	8	7	15	26	84	41
42	Peshawar ...	Peshawar ...	63,079	18	22	40	4	21	21	..	...	...	35	1	...	6	3	4	7	33	35	42
43	Kohat ...	Kohat ...	14,347	6	5	11	15	8	7	..	...	...	8	2	...	5	2	1	3	40	55	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	13	11	24	66	29	37	..	...	...	46	9	...	11	7	7	14	58	160	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	6	8	14	41	22	19	...	...	...	23	3	...	15	5	4	9	31	89	45
	Grand Total	...	1,412,775	577	581	1,158	1,277	640	637	..	...	2	738	114	7	416	137	165	302	43	47	
	Hill Sanitaria.																					
	Simla ...	... ...	13,279	2	2	4	4	3	1	...	...	...	3	...	...	1	1	...	1	16	16	
	Dharmsala ...	... ...	2,778	...	...	...	1	...	1	...	..	..	...	...	...	1	...	...	...	...	19	
	Dalhousie ...	... ...	807	...	...	...	...	...	...		..	..	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,459	...	1	1	2	2	...	...	..	..	1	...	...	1	...	...	...	36	71	

NOTE.—The birth and death-rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 3rd January 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 11TH DECEMBER 1897.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 1,158 births were registered (577 males and 581 females) giving a birth-rate of 43 per *mille* of population; 1,277 deaths were registered (640 males and 637 females), giving a death-rate of 47 per *mille* of population. In the following towns the death-rates were excessively high:—Dera Ismail Khan 160, Wazirabad 116, Pind Dádan Khan 114, Sirsa 108, Hissar 93, Dera Ghâzi Khan 89, Ráwalpindi 84.

W. A. CRAWFORD ROE, F. R C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 3rd January 1898.

PUBLIC WORKS DEPARTMENT.

OFFICE OF EXAMINER, PUBLIC WORKS ACCOUNTS, PUNJAB.

List of Government Promissory Notes in the Custody of the Bank of Bengal, Lahore Branch, on the 31st December 1897.

No.	Name of person or fund on whose behalf held.	Amount of Investment.						Name of Officer to whom interest is sent.
		3½ per cent., 1842-43.	3½ per cent., 1854-55.	3½ per cent., 1865.	3½ per cent., 1879.	3 per cent., 1896-97.	Total.	
	Security.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
6—811	Managing Director, Punjab Sugar Works Patent Carbonic Acid Gas Company, Sujánpur.	1,000	...	...	...	...	1,000	
8—1251	Messrs. Richardson and Cruddas of Bombay.	1,700	...	1,000	2,000	...	4,700	
10—1264	Lájpat Rái and Karta Rám, Sidhána Mill Contractor.	...	500	...	...	...	500	
12—1268	Kirpa Rám and Ganda Rám, Mill Contractors, Chupki Mills.	...	500	...	...	...	500	
13—1313	Amar Náth and Jagat Rám, Contractors.	...	...	...	...	700	700	
	Total ...	2,700	1,000	1,000	2,000	700	7,400	

LAHORE:
The 3rd January 1898.

PREM NATH, *Pandit*,
Examiner, Public Works Accounts, Punjab.

PUBLIC WORKS DEPARTMENT.

OFFICE OF EXAMINER, PUBLIC WORKS ACCOUNTS, PUNJAB.

List of Government Promissory Notes in the Custody of Comptroller and Auditor-General on the 31st December 1897, deposited under Article 164, Volume I, Civil Account Code.

No.	Name of person or fund on whose behalf held.	Amount of Investment.			Name of Officer to whom interest is sent.
		3½ per cent of 1865.	3½ per cent., various.	Total.	
	Stock held.	Rs.	Rs.	Rs.	
1—3479	Buldeo Singh, Cashier	500	...	500	Executive Engineer, Delhi Provincial Division.
2—763	Devi Dyál, do.	500	...	500	Executive Engineer, 2nd Division, Bári Doáb Canal.
3—1000	Bussáwa Singh, Contractor	1,000	...	1,000	Executive Engineer, Ludhiána Division, Sirhind Canal.
14—1301	Secretary, Hindu Ice General Mills Company, Limited, Delhi.	2,500	...	2,500	Executive Engineer, Delhi Division, Western Jumna Canal.
	Total ...	4,500	...	4,500	
	Government Promissory Notes deposited for safe custody under Article 167 of the Civil Account Code.				
4—1046	Amír Singh, Contractor	...	500	500	

LAHORE:
The 3rd January 1898.

PREM NATH, *Pandit*,
Examiner, Public Works Accounts, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 18th December 1897, on 160·47 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other Earnings (estimated).	Total Earnings.	Traffic Train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	(*a*) 15,675	(*a*) 18,144 2 0	99,871 20	13,857 11 0	91 0 0	32,092 13 0	6,975	4,659	11,634
Or per mile of Railway	...	113 1 1	...	86 5 9	0 9 1	199 15 11	...	...	...
For previous $23\frac{3}{7}$ weeks of half-year	*395,846	*4,70,952 11 0	†1,901,853 20	†3,11,743 10 0	‡6,067 0 0	7,88,763 5 0	182,413	94,532	276,945
Total for $24\frac{3}{7}$ weeks ...	411,521	4,89,096 13 0	2,001,725 0	3,25,601 5 0	6,158 0 0	8,20,856 2 0	189,388	99,191	288,579
COMPARISON.									
Total for corresponding week of previous year ...	15,307	12,141 6 11	66,373 10	9,459 15 0	103 9 9	21,704 15 8	6,573	3,543	10,116
Per mile of Railway corresponding week of previous year.	...	75 10 7	...	58 15 3	0 10 4	135 4 2	...	...	...
Total for corresponding $24\frac{4}{7}$ weeks of previous year ...	415,772	3,75,748 12 1	1,878,320 20	2,34,024 5 9	6,892 14 8	6,16,666 0 6	165,344	82,033	247,377

(*a*) The increase is chiefly due to pilgrim traffic and downward passengers from the Hills.
* Added No. of passengers 1,890 and Rs. 3,189 }
† Deducted Mds. 9,919 and " 329 } on account of difference between the Approximate and Audited figures for the week ended 13th November 1897.
‡ Do. " 31 }

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 23rd December 1897.

T. BASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore—6-1-98—690.

No. 2 of 1898.

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PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JANUARY 13, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 11th JANUARY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	...	1. Sufficient. 2. Good.	Wheat 11 seers. Gram 12 seers. Bájra 22 seers.	Crops being winnowed and housed.	Crops in good condition, but rain urgently needed.
2	Delhi ...	...	1. Sufficient. 2. Fair.	Wheat 10¾ seers. Gram 11½ seers. Bájra 19 seers.	...	Condition of crops still fair, but rain is urgently wanted.
3	Umballa ...	...	1. Sufficient. 2. Good.	Wheat 12 to 13 seers. Gram 11 to 12 seers. Maize 23¼ seers. China 30 seers.	...	Rain wanted. Wheat crop slightly damaged by white ants in parts.
4	Jullundur ...	...	1. Sufficient. 2. Fair.	Wheat 13½ seers. Gram 13 seers. Maize 21 seers.	...	Condition of standing crops good. Rain urgently needed. Stock of food-grain sufficient.
5	Ferozepore ...	...	1. Sufficient. 2. Fair.	Wheat 12 seers. Gram 12 seers. Barley 16 seers. Jowár 18 seers. Maize 20 seers.	...	Crops have been damaged by caterpillars in Fázilka Tahsíl. Stock of food-grain sufficient.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharff (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	1. Sufficient.	Wheat 10¾ seers	...	Crops in good condition.
7	Lahore ...	...	1. Sufficient. 2. Fair.	Wheat 12 to 13 seers. Maize 17 to 19 seers.	Sugarcane is being pressed.	Irrigation in progress. Crops promise well.
8	Amritsar ...	...	1. Scarce in Ajnála Tahsíl. 2. Good.	Wheat 13¼ seers. Maize 20 seers.	Sugarcane pressing going on.	Crops in good condition. Rain wanted. Stock of food-grain sufficient.
9	Siálkot ...	0·06 Average.	1. Scarce. 2. Poor.	Wheat 12 to 12½ seers. Rice 9 to 10 seers.	Sugarcane being pressed. Out turn average.	Crops generally in good condition.
10	Shahpur ...	...	1. Sufficient.	Wheat 12½ to 14 seers. Bájra 16½ to 18 seers.	...	Crops in good condition.
11	Ráwalpindi ...	0·30 in Fatahjang. 0·46 in Attock. 0·12 in Gujar Khan. 0·26 in Kahúta.	1. Sufficient.	Falling. Wheat 12¾ seers. Bájra 18 seers. Maize 18½ seers.	...	Prospects excellent. Stock of grain sufficient. Locusts passed over the Attock Tahsíl, but did no damage.
12	Pesháwar ...	...	1. Sufficient. 2. Good.	Wheat 11¼ seers. Maize 19 seers.	Sugarcane being pressed. Outturn average.	Wheat and barley still being sown. Stock of food-grain sufficient.
13	D. I. Khan ...	...	1. Sufficient except in parts. 2. Poor in parts.	Wheat $12\frac{13}{16}$ seers.	Cotton picking in progress. Outturn little below average.	Condition of crops average. Rain wanted. Westerly wind was blowing for three days and damaged the standing crops slightly.

GENERAL REMARKS.

Rainfall.—Slight rain has fallen in parts of Siálkot and Ráwalpindi Districts.

Prices.—Rising in Mooltan and Peshâwar, falling in Jullundur, Lahore, Amritsar, Shahpur, Ráwalpindi and Dera Ismail Khan and unchanged elsewhere. Wheat is selling from 10¾ to 14, gram 11½ to 13, barley 16, bulrush millet 16½ to 22, maize 17 to 23¼, great millet 18 and rice 9 to 10 seers per rupee.

Agricultural operations.—Harvesting of autumn crops over. Only sugarcane pressing and cotton picking are in progress in some districts. Irrigation of spring crops going on. Wheat and barley are still being sown in Peshâwar.

Crops and outturn.—Condition and prospects of standing crops are generally reported good, but rain is urgently needed in most districts. Yield of sugarcane is reported average in Siálkot and Peshâwar and that of cotton below average in Dera Ismail Khan

Damage done to crops.—Locusts appeared in parts of Ráwalpindi, but did no damage. Some crops have been slightly damaged by caterpillar in parts of Ferozepore, by high winds in parts of Dera Ismail Khan, and by white ants in parts of Umballa.

Agricultural stock.—Cattle are generally in good condition except in Siálkot and parts of Dera Ismail Khan.

Pasturage.—Fodder sufficient in all districts except Siálkot and parts of Amritsar and Dera Ismail Khan.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING NOVEMBER 1897.

Stations.	Pressure.		Wind.		Temperature in shade.								
	Barometer at 8 A. M.	Variation from normal.	Mean direction and force in November 1897.	Normal direction and force in November.	8 A. M.	Mean maximum.	Variation from normal.	Mean minimum.	Variation from normal.	Mean monthly variation from normal.	Humidity.	Vapour tension.	Amount of cloud, 10 overcast.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Delhi ...	29·992	— ·024	N. 84° W. 3	N. 59° W. 2	62·3	83·1	+ 0·1	58·5	+ 3·1	+ 1·6	52	·292	0
Sirsa ...	30·012	— ·012	S. 14° W. 3	N. 59° W. 2	58·1	85·0	+ 0·7	51·5	+ 3·4	+ 2·1	63	·300	0
Umballa ...	30·005	?	N. 66° W. 1	? ?	55·7	83·3	?	50·9	?	?	80	·358	0
Ludhiána ...	30·001	— ·024	S. 79° W. 1	N. 44° W. 1	58·4	81·4	+ 1·0	54·0	+ 4·0	+ 2·5	68	·337	0
Lahore ...	30·007	— ·025	Calm 1	N. 47° W. 1	57·3	81·7	+ 0·4	52·2	+ 6·0	+ 3·2	73	·344	0
Montgomery ...	30·000	?	S. 48° E. 2	? ?	60·3	85·5	?	50·8	?	?	56	·294	0
Siálkot ...	30·011	— ·012	N. 86° E. 1	N. 67° W. 1	57·4	85·0	+ 2·4	52·2	+ 3·7	+ 3·1	65	·305	0
Ráwalpindi ...	30·028	— ·020	N. 24° W. 1	S. 82° W. 1	53·2	80·8	+ 4·1	45·1	+ 2·9	+ 3·5	5[illegible]	·244	0
Khusháb ...	30·024	?	N. 2	? ?	56·5	84·4	?	48·9	?	?	51	·231	0
Peshâwar ...	30·015	— ·045	N. 18° W. 2	N. 85° E. 2	51·4	79·6	+ 2·7	45·3	+ 1·2	+ 2·0	69	·258	1
Dera Ismail Khan	30·016	— ·031	N. 45° W. 0	N. 51° E. 1	55·9	84·0	+ 1·5	49·2	+ 2·2	+ 1·9	80	·361	0
Mooltan ...	30·008	— ·036	E. 0	S. 73° W. 1	60·8	86·6	+ 2·6	54·9	+ 3·4	+ 3·0	69	·376	0
Simla ...	23·182	— ·001	N. 23° E. 2	S. 89° W ...	50·7	57·7	+ 2·1	46·4	+ 2·5	+ 2·[illegible]	41	·149	0
Murree ...	23·933	+ ·011	S. 15° E 5	S. 46° E. 6	55·7	65·3	+ 4·3	51·3	+ 6·[illegible]	+ 5·3	28	·119	0
Srinagar ...	25·027	?	S. 14° E. 4	? ?	35·8	66·5	?	32·9	?	?	88	·186	0
Skardu ...	23·060	?	S. 15° W. 2	? ?	31·3	59·4	?	28·1	?	?	9[illegible]	·170	1
Dras ...	20·917	?	Calm 2	? ?	25·0	49·6	?	15·5	?	?	82	·113	1
Cherát ...	25·803	?	N. 8° W. 11	? ?	59·0	72·1	?	50·7	?	?	35	·170	0

Uninterruptedly fine weather prevailed over the Punjab during November. The sky became occasionally slightly clouded and a few drops of rain were received at one or two stations in Kashmír, but this was the only sign of disturbance. The mean pressure of the month was below the normal average at all stations except Murree, where it was in trifling excess. The deficiency was greatest in the west and was very slight at Sirsa. The winds were between north-west and south-west generally on the plains, but varied very considerably in different parts of the province. The force was very light.

Temperature.—The mean temperature of the month exceeded the normal average everywhere. The excess was as much as 5° at Murree, and was 3° or over at Lahore, Siálkot, Rāwalpindi and Mooltan. The warmest places were Delhi and Mooltan with a mean temperature for the month of 70·8° while the coolest station on the plains was Peshāwar with a mean temperature for the month of 62·5°. In the case of all stations both the day and night temperatures were higher than usual, but the excess was generally more pronounced in the night than in the day temperatures.

The following table gives (1) the variation from the normal of the mean temperature of the Punjab for the 24-hours period ending at 8 A. M. of each day, and (2) the highest maximum temperature recorded in the Punjab, with the name of the station at which it was registered :—

Date.	Variation from normal of mean temperature of previous 24 hours.	Highest maximum temperature recorded during previous 24 hours.	Station at which registered.	Date.	Variation from normal of mean temperature of previous 24 hours.	Highest maximum temperature recorded during previous 24 hours.	Station at which registered.
1	2	3	4	1	2	3	4
1897.				1897.			
November 1st ...	+ 3·7	91·4	Montgomery.	November 16th ...	+ 3·2	87·3	Mooltan.
" 2nd ..	+ 5·4	92·3	Mooltan and Sirsa.	" 17th ...	+ 2·6	86·3	Khushāb and Mooltan.
" 3rd ...	+ 3·7	91·3	Dera Ismail Khan and Mooltan.	" 18th ...	+ 2·5	87·3	Mooltan.
" 4th ...	+ 3·2	92·2	Delhi.	" 19th ...	+ 2·8	86·3	Do.
" 5th ...	+ 1·8	90·3	Mooltan.	" 20th ...	+ 2·1	85·3	Do.
" 6th ...	+ 2·2	89·9	Montgomery.	" 21st ...	+ 2·2	84·3	Do.
" 7th ...	+ 2·2	90·8	Mooltan.	" 22nd ...	+ 1·7	82·0	Montgomery.
" 8th ...	+ 2·3	89·3	Do.	" 23rd ...	+ 1·6	81·3	Mooltan.
" 9th ...	+ 2·8	89·8	Do.	" 24th ...	+ 1·2	80·3	Do.
" 10th ...	+ 3·6	91·3	Khushāb.	" 25th ...	+ 1·4	81·3	Do.
" 11th ...	+ 4·3	91·3	Mooltan.	" 26th ...	+ 0·9	81·8	Do.
" 12th ...	+ 4·2	92·9	Montgomery.	" 27th ...	+ 1·1	80·3	Do.
" 13th ...	+ 3·9	92·3	Sirsa.	" 28th ...	+ 0·8	79·3	Do.
" 14th ...	+ 4·1	88·3	Do.	" 29th ...	+ 1·1	79·3	Do.
" 15th ...	+ 4·0	88·9	Montgomery.	" 30th ...	+ 1·0	82·3	Do.

The hottest day relatively to the normal was the 2nd, when the average excess for the whole province was 5°, but the generally warmest period was between the 11th and 15th, when the average daily excess was over 4°. Relatively to the normal the first half of the month was much hotter than the second and maxima ranging between 88° and 92° were recorded during the first fifteen days, the stations which recorded the maximum temperatures being generally Montgomery, Mooltan and Sirsa. A very warm period was recorded on the North-west Himalayas between the 17th and 21st, when the daily variation of temperature from the normal at Murree was as follows:—

16th.	*17th.*	*18th.*	*19th.*	*20th.*	*21st.*
+ 6·7°	+ 16·5°	+ 16·1°	+ 15·9°	+ 13·5°	+ 8·3°

On the plains at this time the mean excess of temperature was only between 2° and 3°.

Humidity and cloud.—The humidity was not very low during the month on the plains, but on the hills partly on account of the high temperatures noticed above the dryness was very considerable. There was hardly any cloud during the month.

Rain.—The concluding table shows that no rain whatever was received over the Punjab either on the hills or plains during the month under review. In parts of Kashmir there were a few trifling showers.

The following table gives the rainfall data for the Punjab stations for November 1897:—

STATIONS.	Normal average rainfall in November.	Actual rainfall in November 1897.	Difference from the average in November 1897.
1	2	3	4
Punjab, West.	Inches.	Inches.	Inches.
Mooltan	0·10	0	—0·10
Dera Ismail Khan	0·21	0	—0·21
Khusháb	0·33	0	—0·33
Pesháwar	0·57	0	—0·57
Murree	1·08	0	—1·08
Srinagar	0·25	0	—0·25
Skardu	?	0·01	?
Dras	?	0·06	?
Cherát	?	0	?
Ráwalpindi	0·35	0	—0·35
Siálkot	0·09	0	—0·09
Lahore	0·10	0	—0·10
Montgomery	0·07	0	—0·07
Punjab, East.			
Umballa	0·18	0	—0·18
Ludhiána	0·09	0	—0·09
Simla	0·54	0	—0·54
Delhi	0·07	0	—0·07
Sirsa	0·01	0	—0·01

SIMLA: }
The 15th December 1897. }

W. L. DALLAS,
Meteorological Reporter to Government, Punjab.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

1	2			3			4			5		
	QUANTITIES PER RUPEE BY THE											
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (com[illegible]n).*		
DISTRICTS.	Present fortnight ending 31st December 1897.	Past fortnight ending 15th December 1897.	Corresponding fortnight of 1896.	Present fortnight ending 31st December 1897.	Past fortnight ending 15th December 1897.	Corresponding fortnight of 1896.	Present fortnight ending 31st December 1897.	Past fortnight ending 15th December 1897.	Corresponding fortnight of 1896.	Present fortnight ending 31st December 1897.	Past fortnight ending 15th December 1897.	Corresponding fortnight of 1896.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.
Hissar ...	12 0	11 0	8 8	17 0	17 0	10 0	...	...	...	9 0	9 0	8 0
Rohtak ...	10 0	11 0	8 0	17 0	17 0	8 0	...	...	...	11 0	11 0	9 0
Gurgaon ...	11 8	11 4	8 2	18 0	18 0	9 4	...	...	...	8 0	8 0	6 13
Delhi ...	10 8	10 8	8 2	18 0	17 8	9 4	...	...	...	10 0	10 0	7 8
Karnál ...	12 0	12 0	7 12	19 0	18 0	8 8	...	...	...	8 0	8 0	7 8
Umballa ...	12 10	11 14	7 14	17 8	16 0	8 8	...	...	...	10 0	10 0	8 0
Simla (a) ...	...	9 8	7 4	...	13 0	8 8	...	...	...	...	7 0	6 8
Kángra ...	13 0	13 0	9 0	18 0	18 0	11 0	...	...	...	12 0	12 0	9 0
Hoshiárpur ...	12 12	12 12	9 0	16 8	15 0	8 0	...	...	...	10 0	10 0	8 0
Jullundur ...	13 0	12 0	9 0	15 0	14 0	9 0	...	...	...	10 0	8 0	7 0
Ludhiána ...	12 8	11 8	8 8	17 0	16 8	9 0	...	...	...	6 0	6 0	8 0
Ferozepore ...	11 12	11 4	8 0	14 12	14 12	10 8	...	...	...	6 12	6 12	5 13
Mooltan ...	10 4	10 0	8 8	15 0	15 0	10 12	...	...	...	10 8	10 8	8 0
Jhang ...	11 4	11 0	8 8	18 0	17 0	12 0	...	...	...	9 0	9 0	8 0
Montgomery ...	11 12	11 6	8 4	15 8	13 8	9 0	...	...	...	9 8	9 8	7 10
Lahore ...	12 0	11 8	8 8	16 12	14 0	9 8	...	...	...	8 13	11 0	7 8
Amritsar ...	12 0	11 0	8 8	16 0	15 0	9 12	...	...	...	8 8	8 4	7 8
Gurdáspur ...	13 0	12 4	9 0	16 0	16 0	10 0	...	...	...	9 0	9 0	8 0
Siálkot ...	12 0	11 4	8 4	17 0	15 0	11 0	...	...	...	10 0	10 0	7 8
Gujrát ...	11 4	11 0	8 0	15 0	15 0	9 8	...	...	...	7 8	7 8	7 0
Gujránwála ...	12 0	11 12	8 10	17 12	16 0	11 2	...	...	...	9 4	8 4	8 4
Shahpur ...	12 0	12 0	8 8	17 0	15 0	10 0	...	...	...	7 0	6 0	6 0
Jhelum ...	14 0	12 0	8 8	18 0	17 0	10 0	...	...	...	8 0	8 0	8 0
Ráwalpindi ...	11 12	10 12	8 0	16 12	15 12	10 12	...	...	...	7 4	7 4	6 0
Hazára ...	11 4	11 4	8 8	18 0	17 8	11 0	...	...	...	7 14	[illegible] 0	7 0
Pesháwar ...	11 0	10 0	8 8	16 0	17 0	11 0	...	...	...	7 9	7 9	7 4
Kohát ...	12 2	11 10	8 8	16 10	18 9	12 8	...	...	...	8 3	8 0	8 13
Bannu ...	14 9	14 9	9 13	25 5	24 6	13 8	...	...	...	9 1	8 15	9 2
D. I. Khan ...	12 8	12 8	8 12	15 0	15 0	9 11	...	...	...	6 0	6 0	5 5
D. G. Khan ...	10 10	10 5	9 0	14 6	14 6	10 0	...	...	...	10 0	10 0	6 4
Muzaffargarh	11 8	10 12	9 4	14 0	14 0	10 8	...	...	...	10 0	10 0	9 0

(a) Statement
† Not pro
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST DECEMBER 1897.

6			7			1	
ORDINARY SEER OF 80 TOLAS.							
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*				
Present fortnight ending 31st December 1897.	Past fortnight ending 15th December 1897.	Corresponding fortnight of 1896.	Present fortnight ending 31st December 1897.	Past fortnight ending 15th December 1897.	Corresponding fortnight of 1896.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.		
24 0	22 0	10 8	21 0	21 0	9 8	Hissar.	
22 0	22 0	9 4	20 0	18 0	8 8	Rohtak.	
20 0	20 0	10 8	20 8	20 0	9 8	Gurgaon.	
20 0	19 0	9 8	19 0	17 8	8 12	Delhi.	
21 0	22 0	9 0	18 0	16 0	8 0	Karnál.	
24 0	25 0	10 8	17 0	18 8	8 12	Umballa.	
...	12 0	9 0	...	12 0	8 0	Simla (*a*)	
†	†	§	†	†	§	Kángra.	
18 8	16 8	10 0	15 0	14 8	9 0	Hoshiárpur.	
17 0	16 0	§	16 0	10 0	9 0	Jullundur.	
19 0	19 0	10 0	18 0	17 0	9 0	Ludhiána.	
19 4	16 3	10 8	17 4	16 8	9 8	Ferozepore.	
15 0	15 0	11 0	15 0	13 8	10 0	Mooltan.	
20 0	20 0	11 0	15 4	15 4	10 8	Jhang.	
17 0	17 0	10 8	16 4	15 8	9 4	Montgomery.	
17 12	16 8	10 0	16 4	15 12	8 10	Lahore.	
16 0	16 0	10 0	15 0	15 0	8 12	Amritsar.	
16 0	16 0	11 0	11 0	11 0	11 0	Gurdáspur.	
17 0	17 0	10 8	16 0	15 0	9 8	Siálkot.	
14 0	14 0	10 0	15 0	15 0	9 8	Gujrát.	
18 0	13 4	10 0	16 0	9 0	10 0	Gujránwála.	
16 0	16 0	10 0	16 8	16 0	9 8	Shahpur.	
16 0	16 0	10 0	15 0	15 0	9 4	Jhelum.	
15 12	14 12	13 0	15 12	14 12	9 0	Ráwalpindi.	
§	§	§	12 0	11 0	§	Hazára.	
16 0	[illegible] 0	14 0	12 0	12 0	8 13	Peshâwar.	
§	§	§	16 3	15 12	11 0	Kohát.	
20 0	17 4	15 0	20 5	20 0	11 8	Bannu.	
23 2	22 8	12 8	16 14	16 0	10 0	D. I. Khan.	
16 6	16 4	11 4	16 14	16 4	11 0	D. G. Khan.	
14 0	14 0	11 0	14 0	14 0	10 0	Muzaffargarh.	

not received.
duced,
curable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

QUANTITIES PER RUPEE BY

1	8			9			10			11		
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 31st December 1897.	Past fortnight ending 15th December 1897.	Corresponding fortnight of 1896.	Present fortnight ending 31st December 1897.	Past fortnight ending 15th December 1897.	Corresponding fortnight of 1896.	Present fortnight ending 31st December 1897.	Past fortnight ending 15th December 1897.	Corresponding fortnight of 1896.	Present fortnight ending 31st December 1897.	Past fortnight ending 15th December 1897.	Corresponding fortnight of 1896.
	Srs. C.	Srs. C.	Srs C	Srs. C	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar ...	†	†	†	†	†	†	14 0	14 0	10 8	20 0	20 0	†
Rohtak ...	†	†	†	10 0	10 0	10 0	12 0	12 0	9 8	18 0	15 0	10 0
Gurgaon ...	†	†	†	†	†	†	12 0	12 0	9 8	15 0	15 0	10 8
Delhi ...	†	†	†	13 0	13 0	10 0	10 8	11 0	9 4	19 0	19 0	10 0
Karnál ...	23 0	22 0	9 0	8 0	8 0	8 0	10 0	10 0	8 8	20 0	18 0	9 8
Umballa ...	22 0	22 0	§	17 0	17 0	9 8	11 4	10 8	9 4	21 8	22 0	9 10
Simla (*a*) ...	...	13 0	§	...	8 0	§	...	9 4	9 0	...	15 0	9 8
Kángra ...	§	§	12 0	‡	‡	§	10 0	9 0	10 0	20 0	20 0	10 8
Hoshiárpur ...	14 0	14 0	10 0	12 0	12 0	10 0	13 0	11 8	10 8	20 4	19 0	11 4
Jullundur ...	§	§	§	12 0	12 0	13 0	12 0	11 0	10 0	21 0	19 0	11 8
Ludhiána ...	†	†	†	14 0	13 8	10 0	12 0	11 0	9 8	21 4	20 0	10 0
Ferozepore ...	†	†	†	13 12	13 8	7 8	11 8	11 4	9 8	19 8	17 8	10 8
Mooltan ...	†	†	†	12 0	12 0	9 8	10 8	10 8	8 8	15 0	15 0	10 0
Jhang ...	18 0	16 0	12 0	20 0	22 0	13 0	10 8	9 12	9 12	19 0	20 0	10 0
Montgomery ...	§	§	§	†	†	†	11 8	10 8	9 4	18 0	18 0	‡
Lahore ...	§	§	§	16 4	17 0	8 10	11 5	11 6	10 0	16 10	16 8	10 10
Amritsar ...	†	†	†	14 0	14 0	8 12	11 0	11 0	9 12	18 0	16 0	10 0
Gurdáspur ...	†	§	16 0	12 0	12 0	11 0	11 0	10 8	10 0	19 0	18 0	11 0
Siálkot ...	§	§	§	§	§	§	12 4	11 0	9 0	17 8	16 8	10 0
Gujrát ...	†	†	†	7 0	7 0	8 8	10 0	10 0	9 0	16 0	16 0	10 0
Gujránwála ...	†	†	†	12 0	12 0	10 0	11 2	10 2	9 12	17 12	11 8	10 0
Shahpur ...	16 0	16 0	12 0	16 0	16 0	12 0	12 0	12 0	9 8	16 0	14 0	10 0
Jhelum ...	‡	‡	‡	‡	‡	‡	12 0	12 0	10 0	17 0	16 0	10 0
Ráwalpindi ...	‡	‡	‡	11 12	11 12	9 12	11 12	10 0	8 14	17 0	15 12	10 6
Hazára ...	†	†	†	§	§	§	8 12	8 12	8 8	15 12	15 [illegible]	11 0
Peshávar ...	†	†	†	13 0	14 0	11 0	10 0	9 6	8 5	17 0	17 [illegible]	11 0
Kohát ...	†	†	†	†	†	†	11 0	11 8	8 10	15 12	15 12	11 8
Bannu ...	13 2	13 2	8 12	7 4	7 4	8 0	14 2	13 2	11 0	24 14	24 6	14 0
D. I. Khan ...	§	§	§	4 0	4 0	4 0	13 12	13 12	10 0	14 12	13 12	11 4
D. G. Khan ...	§	§	§	§	§	§	11 4	10 10	10 0	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	10 8	9 8	9 0	§	§	§

(*a*) Statement
† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST DECEMBER 1897—continued.

THE ORDINARY SEER OF 80 TOLAS.

12			13			1
Arhur or Thur, Cadjan Pea (Caj[illegible]s Indicus).			*Firewood.*			
Present fortnight ending 31st December 1897.	Past fortnight ending 15th December 1897.	Corresponding fortnight of 1896.	Present fortnight ending 31st December 1897.	Past fortnight ending 15th December 1897	Corresponding fortnight of 1896.	DISTRICTS.
Srs C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	
†	†	†	100 0	100	100	Hissar.
10 0	10 0	10 0	100 0	100	120	Rohtak.
11 0	11 0	11 0	160 0	160	120	Gurgaon.
10 0	9 8	10 8	90 0	100	90	Delhi.
9 0	9 0	8 0	160 0	160	160	Karnál.
§	§	§	145 0	145	140	Umballa.
...	6 8	5 8	...	70	80	Simla. (a)
10 0	7 8	8 0	100 0	100	100	Kángra.
8 0	8 0	8 0	110 0	110	130	Hoshiárpur.
†	§	§	100 0	100	100	Jullundur.
6 8	6 0	10 0	100 0	95	110	Ludhiána.
6 12	6 12	5 12	100 0	100	120	Ferozepore.
†	†	†	110 0	110	90	Mooltan.
8 0	8 0	8 0	100 0	145	160	Jhang.
...	‡	6 8	240 0	310	270	Montgomery.
6 14	7 2	6 6	86 0	75	105	Lahore.
§	§	†	90 0	100	110	Amritsar.
§	§	§	100 0	120	120	Gurdáspur.
§	§	§	120 0	130	120	Siálkot.
†	†	†	110 0	110	110	Gujrát.
11 0	7 0	†	95 0	95	95	Gujránwála.
†	†	†	160 0	160	160	Shahpur.
‡	‡	‡	120 0	120	160	Jhelum.
‡	‡	‡	58 0	58	85	Ráwalpindi.
†	†	†	81 0	81	90	Hazára.
14 0	6 0	15 0	39 0	33	80	Pesháwar.
†	†	†	64 0	64	102	Kohát.
4 10	4 10	7 8	60 0	60	90	Bannu.
5 0	5 0	6 4	125 0	125	125	D. I. Khan.
§	§	§	100 0	100	100	D. G. Khan.
‡	‡	§	140 0	140	140	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS

Firewood.—Prices average 108 seers 12 chatáks as compared with 114 seers in last fortnight and 120 seers in corresponding period of 1896. The chief variations in each Division are—

		Same fortnight in 1896.	Last fortnight.	This fortnight.
		Seers.	Seers.	Seers.
Gurgaon	...	120	160	160
Hoshiárpur	...	130	110	110
Jhang	...	160	145	100
Jhelum	...	160	120	120
Pesháwar	...	80	33	39
Bannu	...	90	60	60

not received.
duced.

parable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt.					
	Present fortnight ending 31st December 1897.		Past fortnight ending 15th December 1897.		Corresponding fortnight of 1896.	
DISTRICTS.	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 4	11 0	11 4	11 0	11 0	11 0
Rohtak	12 0	12 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 0	11 8	12 0	11 0
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	12 12	12 8
Simla (a)	...	...	9 0	8 8	10 0	9 4
Kángra	*	11 0	*	11 0	*	11 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	12 8	13 0	12 8	13 0	12 8
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 4
Mooltan	12 8	12 8	12 8	12 8	12 12	12 8
Jhang	12 4	12 0	12 0	11 8	12 4	12 0
Montgomery	12 12	12 8	12 12	12 8	12 8	12 0
Lahore	13 5	12 13	13 5	12 13	12 15	12 12
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 8
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	13 12	13 8	13 12	13 8	13 8	13 0
Shahpur	13 8	13 0	13 0	12 8	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	13 12	13 12	13 8	13 8	13 6
Hazára	*	11 0	*	11 0	*	11 8
Pesháwar	15 0	14 0	14 0	13 0	20 0	19 0
Kohát	17 9	15 2	16 10	14 0	22 15	20 6
Bannu	22 8	19 6	22 8	20 0	23 0	22 0
D. I. Khan	16 0	15 0	16 0	15 0	20 0	19 0
D. G. Khan	12 8	11 4	12 8	11 4	16 10	15 10
Muzaffargarh	*	12 0	*	12 0	*	12 0

(a) Statement
* No whole
† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST DECEMBER 1897—concluded.

15			16			1
THE ORDINARY SEER OF 80 TOLAS.						
Gur.			Cotton (unginned).			Districts
Present fortnight ending 31st December 1897.	Past fortnight ending 15th December 1897.	Corresponding fortnight of 1896.	Present fortnight ending 31st December 1897.	Past fortnight ending 15th December 1897.	Corresponding fortnight of 1896.	
Srs C	Srs. C.	Srs. C.	Srs. C.	Srs. C	Srs. C	
12 0	9 0	12 0	8 0	8 0	8 0	Hissar.
14 0	12 0	13 0	10 0	10 0	9 0	Rohtak.
12 0	12 0	12 0	9 0	9 0	9 0	Gurgaon.
10 0	9 0	10 0	9 0	9 0	8 0	Delhi.
12 0	10 0	13 0	11 0	11 0	9 0	Karnál
9 12	9 12	11 0	11 0	11 0	9 8	Umballa
...	6 0	8 0	...	†	†	Simla (a)
9 0	6 8	10 8	6 0	6 0	6 0	Kángra.
9 8	9 8	11 0	10 0	10 0	8 0	Hoshiárpur.
11 0	10 0	9 8	11 0	11 0	9 0	Jullundur.
8 8	8 8	9 0	7 8	7 8	7 8	Ludhiána.
9 12	8 12	9 8	9 12	8 4	8 8	Ferozepore.
7 8	7 8	7 8	8 0	8 0	7 8	Mooltan
9 0	7 8	11 0	10 8	9 0	9 0	Jhang
9 0	8 8	9 12	10 0	‡	9 12	Montgomery
9 8	9 0	10 8	9 4	8 14	8 14	Lahore.
10 0	10 0	11 0	0 12	8 12	8 0	Amritsar.
11 8	11 8	13 8	9 0	8 0	8 0	Gurdáspur.
10 8	10 8	11 12	8 8	8 8	8 8	Siálkot.
9 0	9 0	10 0	8 0	8 0	8 0	Gujrát.
9 8	8 0	10 8	9 8	8 0	9 0	Gujránwála
9 0	8 8	10 0	9 0	9 0	8 8	Shahpur.
9 8	9 12	11 0	9 0	9 0	8 0	Jhelum.
8 12	8 12	9 12	8 12	8 12	8 12	Ráwalpindi.
6 12	6 12	8 12	§	§	§	Hazára
7 14	8 2	8 12	8 12	8 12	9 10	Pesháwar.
7 6	7 7	9 12	12 6	11 8	10 13	Kohát.
10 15	10 15	13 8	8 2	8 12	10 0	Bannu.
8 12	8 12	10 5	11 4	11 4	11 4	D. I. Khan.
6 9	6 4	7 8	8 12	8 12	8 12	D. G. Khan.
8 0	8 8	9 8	8 0	8 0	7 8	Muzaffargarh.

not received.
sale salt sold.
duced.

curable.

REMARKS ON CURRENT VARIATIONS.

Lahori Salt.—Prices average 11 seers 15 chatáks as compared with 12 seers 5 chatáks in last fortnight and 12 seers 4 chatáks in corresponding period of 1896. The chief variations in each Division are—

	Same fortnight in 1896. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Rohtak ...	11 0	11 0	12 0
Ludhiána ...	12 8	12 8	13 0
Montgomery ...	12 0	12 8	12 8
Gujránwála ...	13 0	13 8	13 8

Kohát Salt.—Prices average 14 seers 15 chatáks as compared with 14 seers 10 chatáks in last fortnight and 19 seers 3 chatáks in corresponding period of 1896. The following are the chief variations :—

	Same fortnight in 1896. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Kohát ...	20 6	14 0	15 2
D. G. Khan ...	15 10	11 4	11 4

Gur.—Prices average 9 seers 9 chatáks as compared with 9 seers in last fortnight and 10 seers 8 chatáks in corresponding period of 1896. The chief variations in each Division are—

	Same fortnight in 1896. Srs C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Umballa ...	11 0	9 12	9 12
Kángra ...	10 8	6 8	9 0
Jhang ...	11 0	7 8	9 0
Jhelum ...	11 0	9 12	9 8
Hazára ...	8 12	6 12	6 12
Bannu ...	13 8	10 15	10 15

Cotton (unginned).—Prices average 9 seers as compared with 9 seers in last fortnight and 8 seers 11 chatáks in corresponding period of 1896. The chief variations in each Division are—

	Same fortnight in 1896. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Karnál ...	9 0	11 0	11 0
Jullundur ...	9 0	11 0	11 0
Jhang ...	9 0	9 0	10 8
Jhelum ...	8 0	9 0	9 0
Kohát ...	10 13	11 8	12 6
Bannu ...	10 0	8 12	8 2

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS

1	2	3	4	5	6	7	8	9	10	11	12
	WHOLESALE PRICE PER MAUND OF 82$\frac{2}{7}$ lbs.										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi	2 8 0	3 10 2	3 8 11	2 1 8	1 14 6	2 0 10	1 15 3	3 10 2	5 0 0	4 7 1	4 5 2
Ferozepore ...	2 4 0	9 0 0	3 5 0	2 9 0	2 1 0	2 4 0	1 15 6	3 6 0	5 11 0	4 7 0	5 5 0
Mooltan	1 14 6	4 0 0	3 13 0	2 9 3	2 9 3	2 9 3	2 9 3	3 11 6	...	5 0 0	4 11 0
Lahore	2 7 4	4 6 7	3 5 4	2 4 0	2 2 1	2 5 0	2 4 4	3 7 6	5 9 9	4 1 8	4 0 0
Amritsar	2 10 8	4 9 2	3 1 3	2 5 8	2 5 8	...	2 1 8	3 6 6	...	4 0 0	4 0 0
Ráwalpindi ...	3 0 0	5 11 11	3 5 4	2 5 8	2 8 0	2 8 0	2 5 1	3 5 4	5 11 5	3 10 2	4 8 0

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 31ST DECEMBER 1897.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
OR 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjili seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.
20 0 0	5 0 0	3 11 6	11 13 7	32 0 0	4 1 8	8 0 0	12 4 11	...	0 9 2	0 14 3	0 8 0	125	60 0 0
5 11 0	5 11 0	3 12 0	11 12 0	31 0 0	3 13 0	5 0 0	11 0 0	30 0 0	0 9 0	0 9 0	0 10 0	75	50 0 0
6 2 6	5 0 0	5 0 0	13 5 4	32 0 0	4 5 3	10 0 0	13 5 4	...	0 4 11	0 10 8	0 5 4	70	50 0 0
5 8 0	4 12 6	4 1 8	12 8 6	32 13 6	3 10 3	5 11 5	11 6 10	22 8 0	1 0 0	0 10 0	0 10 8	105	100 0 0
...	4 11 4	3 12 11	12 4 11	35 0 0	3 7 8	...	...	...	...	0 9 2	...	...	60 0 0
5 8 0	5 0 0	4 7 1	14 8 0	29 1 6	3 10 2	4 0 0	10 0 0	24 0 0	0 8 0	0 10 8	0 10 8	60	55 0 0

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF DECEMBER 1897.

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st December.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st December 1897.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Hissar.	Sirsa ...	0·79	...	0·44	...	0·16	...	0·16	Kharíf crops being winnowed. Outturn average. Canal and barani rabi crops in good condition. Prospects good, but rain is wanted to invigorate the young crops. Green fodder is sufficient. Gram is being exported in large quantities to Bombay. General health of people good.
	Fatahabad ...	0·50	...	0·20	...	...	...	...	
	Hissar ...	0·82	...	0·55	...	0·27	...	0·27	
	Hánsi ...	0·46	...	0·20	...	0·48	...	0·48	
	Bhiwáni ...	0·46	...	0·18	...	0·53	...	0·53	
	Budhláda ...	...	...	...	...	0·47	...	0·47	
	Tohána ...	...	...	...	...	0·19	...	0·19	
Jind State.	Dhaneta (*c*) ...	...	...	...	...	...	...	...	
	Safidon (*c*) ...	...	...	...	...	0·50	...	0·50	
	Jind (*c*) ...	...	...	...	...	...	...	...	
Bikaner State.	Channi (*c*) ...	...	...	...	...	0·70	...	0·70	
Rohtak.	Rohtak ...	0·86	...	0·47	...	...	...	...	Prospects of irrigated area good, but unirrigated area requires rain. Strong westerly wind prevailed in the last week of the month under report. Sugarcane is being cut and mills are at work extracting juice. Health of people good. Fodder plentiful. Old stocks of grain have almost run out. Prices of food-grains are as follows:— Wheat ... 11 seers per rupee. Gram ... 12 " " Jowár ... 22 " " Bájra ... 20 " "
	Gohána ...	0·77	...	0·44	...	...	...	...	
	Sámpla ...	0·58	...	0·27	...	...	...	...	
	Jhajjar ...	0·53	...	0·29	...	...	...	...	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF DECEMBER 1897—(CONTINUED).

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st December.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st December 1897.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
GURGAON.	Farukhnagar ...	...	...	...	...	...	...	...	No rain throughout the district this month. Kharif harvested. Rabi sowings completed. The young rabi crops are as yet in good condition and are being irrigated by wells and canal, but rain is much needed. The prospects of rabi depend on good Mahawat rains. Prices are slightly falling, and now stand thus— Wheat ... 11½ seers per rupee. Jowár ... 20 " " Bájra ... 20 " " Barley ... 18 " " Gram ... 12 " "
	Játusána ...	...	...	...	...	...	...	...	
	Rewári ...	0·59	...	0·20	...	...	...	...	
	Shahjahánpur ...	...	...	...	...	0·80	...	0·80	
	Tauru ...	...	...	...	...	0·34	...	0·34	
	Núh ...	0·59	...	0·26	..	...	...	...	
	Fírozpur ...	0·45	...	0·08	...	...	...	...	
	Hodal ...	...	...	...	...	...	...	...	
	Hattín ...	...	...	...	...	0·32	...	0·32	
	Palwal ...	0·87	...	0·18	...	...	...	...	
	Sohna ...	...	...	...	...	...	...	...	
	Gurgaon ...	0·88	...	0·3[illegible]	...	...	...	...	
	Punahána ...	...	...	...	...	...	...	...	
DELHI.	Ballabgarh ...	0·68	...	0·23	...	...	...	...	Rabi crops in fair condition and promise well, but rain badly needed to bring them on. Health of people good. Prices high, except of bajra. Stocks of food-grain and fodder sufficient.
	Mahrauli ...	...	...	...	...	...	...	...	
	Sadr (Delhi) ...	1·01	...	0·44	...	...	...	...	
	Sonepat ...	0·68	...	0·33	...	0·20	...	0·20	
KARNAL.	Pánipat ...	0·58	...	0·30	0·03	0·03	...	0·03	A few slight showers were received about the middle of the month, but more rain is needed for the standing crops. Sugarcane is being pressed. Prices are improving. Wheat sells at 12 seers, gram at 10, maize at 22 and bájra at 16 per rupee. Fodder is sufficient. Health of people good.
	Karnal ...	0·86	...	0·43	-	...	...	...	
	Rajaund ...	...	...	...	...	...	...	...	
	Kaithal ...	0·41	...	0·27	0·05	0·05	...	0·05	
	Gulah ...	...	...	...	0·10	0·10	...	0·10	
	Thanesar (Pipli) ...	0·73	...	0·31	0.04	0·04	...	0·04	
UMBALLA.	Jagádhri ...	1·04	...	0·46	0·04	0·04	...	0·04	Rain is needed for the rabi crops on the ground which are at present in good condition. Health of people generally speaking good. Fodder green available, dry sufficient. Prices— Wheat ... 12¼ to 13 seers per rupee. Gram ... 11 to 11½ " " Maize ... 21½ " "
	Umballa ...	0·96	...	0·48	0·20	0·20	...	0·20	
	Naráingarh ...	1·25	...	0·54	0·02	0·02	...	0·02	
	Kharar ...	1·20	...	0·55	0·17	0·17	...	0·17	
	Rúpar ...	1·25	...	0·70	0·30	0·30	...	0·30	
	Dádupur (*c*) ...	...	...	...	0·10	0·10	...	0·10	
PATIALA STATE.	Kotra (*c*) ...	...	...	...	...	...	...	...	
	Jodhpur (*c*) ...	...	...	...	...	0·18	...	0·18	
	[illegible]ki (*c*) ...	...	...	...	...	...	...	...	
	Lehal (*c*) ...	...	...	...	...	...	...	...	
	Gujran (*c*) ...	...	...	...	0·05	0·20	...	0·20	
	Barthála (*c*) ...	...	...	...	0·25	0·25	...	0·25	
NABHA STATE.	Dadahur (*c*) ...	...	...	...	...	...	...	...	
	Bundher (*c*) ...	...	...	...	...	...	...	...	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF DECEMBER 1897—(CONTINUED).

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st December.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st December 1897.	1st April 1898 to 30th Septr. 1898.	Total.	Condition of crops and cattle, and health of people.
MONTGOMERY	Gugera ...	0·22	...	0·12	0·90	1·15	...	1·15	Condition of rabi crops good. The rain we had this month has done great deal of good. Wheat was sown this month. Food supply sufficient.
	Montgomery ...	0·32	...	0·21	0·46	0·46	...	0·46	
	Pákpattan ...	0·28	...	0·18	...	...	...	...	
	Dipálpur ...	0·30	...	0·19	0·49	0·49	...	0·49	
	Sandyanwala (*c*) ...	...	...	...	...	...	...		
LAHORE.	Van (*c*) ...	0·69	...	0·29	1·00	1·00	...	1·00	The rainfall has much improved the prospect of rabi crops, the sowings of which have been finished. Grain stock sufficient with sáhúkárs generally, and with zamíndárs of canal tracts particularly.
	Chunián ...	0·44	...	0·12	0·86	0·86	...	0·86	
	Kasúr ...	0·48	...	0·19	1·04	1·04	...	1·04	
	Pambe (*c*) ...	0·54	...	0·21	1·20	1·20	...	1·20	
	Sharakpur ...	0·31	...	0·13	1·65	1·65	...	1·65	
	Niáz Beg (*c*) ...	0·95	...	0·29	1·38	1·38	...	1·38	
	Lahore ...	0·88	...	0·37	1·21	1·21	...	1·21	
	Meean Meer (*c*) ...	1·21	...	0·33	1·33	1·33	...	1·33	
	Manihála (*c*) ...	0·50	...	0·20	0·38	0·38	...	0·38	
	Dafthu (*c*) ...	...	...	...	0·30	0·30	...	0·30	
	Nijábat (*c*) ...	...	...	...	0·40	0·40	...	0·40	
AMRITSAR	Buchar (*c*) ...	0·72	...	0·33	0·60	0·90	...	0·90	Sugarcane-pressing and cotton picking in progress. Rabi crops are being nourished and are in good condition. Rain wanted for crops on irrigated lands Stock of grain sufficient for the present. Health of people good. Prices are as below:— Wheat ... 13 to 13¼ seers per rupee. Gram ... 11¾ to 12 " " Barley ... 17 to 17½ " " Jowár ... 17 to 18 " " Maize ... 19 to 19½ " "
	Khara (*c*) ...	0·38	...	0·28	...	0·04	...	0·04	
	Tarn Táran ...	0·58	...	0·23	0·36	0·36	...	0·36	
	Raya (*c*) ...	0·87	...	0·38	0·04	0·04	...	0·04	
	Jail Hospital ...	1·10	...	0·48	0·64	0·64	...	0·64	
	Amritsar (*c*) ...	...	...	...	0·58	0·58	...	0·58	
	Buggeh (*c*) ...	0·84	...	0·17	0·45	0·45	...	0·45	
	Ajnála ...	0·64	...	0·17	0·65	0·65	...	0·65	
GURDASPUR	Aliwál (*c*) ...	1·40	...	0·56	0·61	0·61	...	0·61	Condition of crops, and health of people good. Rabi sowings have been completed. The slight rain during the month under report has done much good.
	Batála ...	1·00	...	0·53	0·48	0·50	0·50	0·50	
	Tibri (*c*) ...	1·40	...	0·86	0·50	0·50	...	0·50	
	Gurdaspur ...	1·14	...	0·75	0·66	0·66	...	0·66	
	Pathánkot ...	1·40	...	0·89	0·42	0·53	...	0·53	
	Dalhousie ...	3·59	...	1·88	0·65	1·40	...	1·40	
	Mádhopur (*c*) ...	2·33	...	1·44	0·59	0·59	...	0·59	
	Shakargarh ...	1·25	...	0·57	0·79	0·86	...	0·86	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF DECEMBER 1897—(CONTINUED).

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st December.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st December 1897.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
SIALKOT.	Zafarwál ...	0·97	...	0·54	0·69	0·73	...	0·73	There has been very little rain throughout the district. The rains though insufficient have afforded opportunity for sowing barley to a great extent and benefited the standing crops. The whiteants are reported to have disappeared. Fodder scarce. In some parts of the district cattle are fed on sugar-cane, and dried stalk of maize and rice. Prices have fallen slightly—2 annas in a rupee. Wheat is sold at Rs. 3-4-0 per maund. Stock of grain is sufficient.
	Pasrúr ...	1·35	...	0·84	0·36	0·36	...	0·36	
	Raya ...	0·88	...	0·34	0·46	0·46	...	0·46	
	Daska ...	1·14	...	0·44	0·84	0·84	...	0·84	
	Siálkot ...	**1·20**	...	**0·47**	**0·45**	**0·55**	...	**0·55**	
GUJRAT.	**Gujrat (Sadr)** ...	**1·44**	...	**0·52**	**0·88**	**0·88**	...	**0·88**	Rainfall throughout the district. Rabi sowings completed. The existing crops are in want of rain. The crops sown before rains, and especially those on cháhi lands, are up to present in good condition. Sugarcane-pressing and manufacture of gur in progress. Sugarcane is also being used as fodder for cattle. Cotton outturn is good. Fodder is procurable. The cattle taken to Belas have returned. Stock of grain exists with sáhúkárs of important towns. Prices falling.
	Khárián ...	1·24	...	0·42	1·55	1·55	...	1·55	
	Phália ...	0·98	...	0·29	1·45	1·45	...	1·45	
GUJRANWALA.	Rámnagar ...	0·40	...	0·09	1·80	1·80	...	1·80	Condition of crops good except in Gujránwála, where it is reported to be average. Recent rain benefited the standing crops. Fodder scarce except in new colony. Prices of food-grain falling. Health of people generally good.
	Wazírabad ...	1·14	...	0·42	0·77	0·77	...	0·77	
	Sadr Kacheri (Gujranwala).	**1·18**	...	**0·49**	**0·73**	**0·73**	...	**0·73**	
	Shekhupura ...	0·67	...	0·39	1·30	1·30	...	1·30	
	Háfizabad ...	0·76	...	0·30	1·65	1·65	...	1·65	
	Khángah Dogran ...	...	...	...	1·27	1·27	...	1·27	
	Jalálpur (*c*) ...	...	...	Gauge not yet erected.					
	Pacca Dalla (*c*) ...	...	...	...	1·10	1·10	...	1·10	
	Firoz (*c*) ...	...	...	...	1·20	1·20	...	1·20	
SHAHPUR.	Midh ...	0·34	...	0·02	...	0·35	...	0·35	There was excellent rain of over 1 inch all over the district on 11th. The young rabi crops have been immensely benefited, and a large additional area has been sown chiefly in the Khusháb Tahsíl. Kharíf harvest practically finished. Grazing and fodder ample. Wheat ... 11 to 12½ seers per rupee. Barley ... 18 " ". Gram ... 11 to 12 " ". Bájra ... 18 " ". Jowár ... 19 to 20 " ".
	Sáhiwal ...	0·64	...	0·08	1·00	1·00	...	1·00	
	Núrpur ...	0·22	...	...	0·92	0·92	...	0·92	
	Mitha Tiwána ...	0·44	...	0·05	0·50	0·50	...	0·50	
	Sakesar ...	0·16	...	0·02	3·14	3·14	...	3·14	
	Naushahra ...	0·92	...	0·08	1·12	1·12	...	1·12	
	Khusháb ...	0·64	...	0·18	1·75	1·75	...	1·75	
	Shahpur ...	**0·79**	...	**0·18**	**1·60**	**1·70**	...	**1·70**	
	Bhera ...	0·56	...	0·10	1·49	1·49	...	1·49	
	Miáni ...	0·82	...	...	1·24	1·24	...	1·24	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF DECEMBER 1897—CONTINUED.

Explanation :—(*c*)—Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain gauge Station.	1st October to 31st December.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st December 1897.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Jhelum.	Pind Dádan Khan ...	1·04		0·22	1·51	1·63	...	1·63	Rainfall during the month has been the means of improving the condition of the rabi crops and several hundred acres more of land have been sown. A flight of locusts passed through Tahsíl Jhelum without doing any damage to the crops. Stock of grain is sufficient for local consumption. Prices of food-grains are falling. Health of people good. No inundation in river.
	Jhelum (Sadr) ...	1·53	...	0·52	1.46	1·67	...	1·67	
	Chakwál ...	0·81	...	0·28	1·71	1·71	...	1·71	
	Talagang ...	1·02	...	0·22	1·39	1·39	...	1·39	
Rawalpindi.	Pindigheb ...	1·06	...	0·24	1·61	1·85	...	1·85	Rabi prospects excellent. More wheat and oil-seeds sown owing to recent rains. Fodder plentiful. Supplies of grain ample. Imports continue. Locusts seen in Pindigheb, but did no damage.
	Fatehjang ...	1·27	...	0·40	1·50	2·07	...	2·07	
	Attock ...	0·90	...	0·28	1·75	1·75	...	1·75	
	Rawalpindi ...	1·99	...	0·64	1·62	1·62	...	1·62	
	Gujar Khan ...	2·16	...	0·37	1·16	1·51	...	1·51	
	Kahúta ...	2·32	...	0·99	1·42	1.42	...	1·42	
	Murree ...	3·26	...	0·46	2·00	2·69	...	2·69	
Hazara.	Abbott-abad ...	3·48	...	1·36	1·42	1·74	...	1·74	Crops flourishing. Further sowings going on after rainfall. Small flights of locusts passed over, did no harm. Fodder and grain stocks ample. Prices high. Water in irrigation cuts sufficient.
	Mánsehra ...	4·25	...	2·19	1·78	1·81	...	1·81	
	Haripur ...	3·05	...	1·42	0·71	0·74	...	0·74	
Peshawar.	Swábi ...	1·87	...	0·34	1·63	1·63	...	1·63	There having been copious rain wheat and barley are still being sown. Swarms of locusts were seen for two days flying within the limits of Tahsíls Peshâwar, Charsadda, Mardân and Swâbi, but they did no damage to the standing crops. The condition of young rabi crops is generally good. All kharif crops have been harvested except sugarcane, which is being pressed and the manufacture of gur is in progress. The outturn of gur is good in Nowsherá, Charsadda and Mardân Tahsíls and in the two other Tahsíls it is average. Fodder and stock of food-gr[illegible]ns sufficient. The following are the cu[illegible]t prices of the food-grains in the Peshâwar City on the last day of the month :— Wheat 11 $\frac{1}{16}$ seers } per rupee. Maize 17 $\frac{6}{16}$ " } Water in the rivers is going down and that in the Canals is usual.
	Lahor (Utman Bolak)	1·85	...	0·61	1·41	1·41	...	1·41	
	Nowshera ...	1·29	..	0·21	1·68	1·68	...	1·68	
	Mardán ...	1·35	...	0·35	1·64	1·64	...	1·64	
	Katlang ...	1·45	...	0·33	0·15	0·15	...	0·15	
	Chársadda ...	1·16	...	0·26	1·36	1·36	...	1·36	
	Nabakki ...	1·15	...	0·31	1·43	1·43	...	1·43	
	Peshawar ...	1·13	...	0·38	1·32	1·32	...	1·32	
	Abazai (*c*) ...	...	...	...	0·90	0·90	...	0·90	
	Khán Máhi (*c*) ...	...	...	...	0·85	0·85	...	0·85	
	Pára Chinár (Kurram)	...	...	...	1·10	1·10	...	1·10	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF DECEMBER 1897—(CONTINUED).

Explanation:—(c) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 30st December.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 30st December 1897.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Kohat.	Kohât ...	1·76	...	0·39	0·97	1·13	...	1·13	There has been a fair amount of rain in the district during the month under report, and rabi sowings on irrigated lands have nearly been completed. The sowings on unirrigated lands in the Bárak Tappa of the Teri Tahsíl have also been completed owing to the superior quality of land which retains moisture for a long time. In a greater portion of the rest of the district also rabi sowings on such lands have been completed as far as possible, but rain is urgently required for further sowings, especially in the Hangu Tahsíl. The standing crops promise well. The health of people is now fairly good. Fodder for cattle is sufficient owing to hill grass, makki, jowár, and bajrá stalks being procurable. Stocks of food-grains are sufficient. The prices have greatly fallen in this district owing to the expected termination of the Tirah Expedition.
	Hangu ...	...	...	...	0·77	0·77	...	0·77	
	Thal ...	...	...	...	1·14	1·14	...	1·14	
	Banda Daud Shah ...	...	...	...	0·59	0·59	...	0·59	
	Khushálgarh ...	...	...	...	...	...	...	...	
Bannu.	Miánwáli ...	0·61	...	0·12	0·70	0·70	...	0·70	The kharíf crops have been harvested. Rabi sowings completed. The rabi crops on the ground have been benefited by the rain in this month, and their present condition is on the whole good. Stock of grain is generally sufficient. Fodder ample. Prices falling. Canals working well.
	Isa Khel ...	0·73	...	0·17	0·45	0·45	...	0·45	
	Bannu ...	0·42	...	0·16	0·85	0·85	...	0·85	
	Marwat ...	0·45	...	...	0·23	0·23	...	0·23	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF DECEMBER 1897—(CONCLUDED).

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average Rainfall of past years.			Rainfall of present year.				
District.	Rain-gauge Station.	1st October to 31st December.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st December 1897.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Dera Ismail Khan.	Tánk ...	0·13	...	0·10	0·28	0·28	...	0·28	Rain benefited the standing rabi crops. Condition of standing crops good. Harvesting of kharíf crops over. Cotton pickings in progress: outturn a little below average. Fodder sufficient except in the Kachi tract of Leiah Tahsíl. Prices high. Wheat 12½ seers and bájra 16⅞ seers per rupee.
	Kuláchi ...	0·29	...	0·19	...	...	...	...	
	Dera Ismail Khan...	0·47	...	0·22	0·23	0·23	...	0·23	
	Bhakkar ...	0·21	...	0·10	0·29	0·29	...	0·29	
	Leiah ...	0·24	...	0·18	0·20	0·20	...	0·20	
	Shekh Budín ...	...	...	...	0·40	0·40	...	0·40	
Dera Ghazi Khan.	Sanghar ...	0·20	...	0·16	0·26	0·26	...	0·26	Rabi prospects good. Fodder plentiful. Health of people good. Grain stock sufficient.
	Dera Ghazi Khan...	0·37	...	0·18	0·45	0·45	...	0·45	
	Fort Munro ...	0·35	...	0·04	0·55	0·55	...	0·55	
	Jámpur ...	0·15	...	0·08	0·35	0·35	...	0·35	
	Rájanpur ...	0·05	...	0·01	...	...	...	...	
Muzaffargarh.	Alipur ...	0·21	...	0·10	0·31	0·31	...	0·31	Rice crops being collected. Sugarcane being pressed: condition fair. Rabi crops being sown. Fodder and grain stock sufficient.
	Muzaffargarh ...	0·28	...	0·22	0·44	0·44	...	0·44	Sugarcane being pressed: yield average. Rabi crop condition good. Fodder and grain stock sufficient.
	Sinánwán ...	0·28	...	0·23	0·23	0·23	...	0·23	Rabi crop sown looking well. Health of people good.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 18TH DECEMBER 1897.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	5	3	8	16	12	4	...	...		9	2	...	5	2	...	2	25	50	1
2		Hansi ...	15,190	10	6	16	15	7	8	...	...	...	4	2		9	1	2	3	55	51	2
3		Bhiwani ...	35,487	9	9	18	18	9	9	...	...		9	4	...	5	2	...	2	26	26	3
4		Sirsa ...	16,415	6	1	7	16	7	9	...	...		11	3		2	1	...	1	22	51	4
5	Rohtak ...	Rohtak ...	16,191	7	5	12	7	4	3	..			5	2	..	...	4	3	7	39	23	5
6		Jhajjar ...	11,881	5	7	12	18	8	10			..	7	4	..	7	2	1	3	53	79	6
7	Gurgaon ...	Rewari ...	27,934	11	3	14	13	5	8	...	...	..	3	5	...	5	...	3	3	26	24	7
8		Palwal ...	11,227	2	5	7	14	7	7		...	...	9	3	...	2	1	1	2	33	65	8
9	Delhi ...	Delhi ...	189,648	63	82	145	150	74	78	...	.	...	97	5	1	47	12	17	29	40	41	9
10		Sonepat ...	1[illegible],611	3	9	12	7	5	2	...		...	6	...	...	1	2	1	3	50	29	10
11	Karnal ...	Karnal ...	Returns not received.																			11
12		Kaithal ...																				12
13		Panipat ...																				13
14		Shahabad ...																				14
15	Umballa ...	Umballa ...	25,856	8	10	18	16	8	8	...		...	4	6		6	2	1	3	35	31	15
16		Jagadhri ...	13,029	3	..	3	9	8	1	...	..		4	...	...	5	2	...	2	12	36	16
17		Sadhaura ...	10,445	8	3	11	4	1	3	...	..	...	4	...		...	...	...	...	55	20	17
18	Hoshiarpur	Hoshiarpur ...	17,546	6	6	12	13	8	5	...	...	...	3	1	...	9	4	1	5	36	39	18
19		Tanda and Urmar	14,632	7	...	7	9	4	5	...	...	2	7	...	...	...	1	1	2	31	40	19
20	Jullundur ...	Jullundur ...	50,375	21	14	35	31	15	16	...	...	...	14	7	...	10	4	3	7	36	32	20
21		Rahon ...	10,667	6	3	9	4	4	...	...	...	...	2	1	...	1	...	...	...	44	20	21
22		Kartarpur ...	10,481	5	3	8	4	4	...	...	.	...	3	...	...	1	1	...	1	40	20	22
23	Ludhiana ...	Ludhiana ...	46,024	11	17	28	61	33	28			...	33	8	...	20	5	5	10	32	69	23
24		Jagraon ...	18,116	7	9	16	15	5	10	...		..	1	2	...	12	3	3	6	46	43	24
25	Ferozepore ..	Ferozepore ...	25,337	8	6	14	22	10	12	...		..	7	8	...	7	1	4	5	29	45	25
26	Mooltan .	Mooltan ..	64,265	25	29	54	65	37	28	...		...	48	3	...	14	11	12	23	44	53	26
27	Jhang ..	Maghiana ...	13,866	7	5	12	11	4	7	...	...	...	7	1	...	3	1	5	6	45	41	27
28		Chiniot	13,476	7	1	8	12	9	3	...	...	...	9	1	...	2	2	...	2	31	46	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	54	75	129	122	74	48	...	...	1	61	11	1	48	16	13	29	42	40	29
30		Kasur ...	20,290	9	3	12	10	9	1	...	...	...	4	...	...	6	6	1	7	31	26	30
31		Chunian ...	10,339	14	5	19	16	8	8	...	...	...	11	1	...	4	3	2	5	96	81	31
32	Amritsar ...	Amritsar ...	135,401	6[illegible]	59	123	92	46	46	...	...	...	48	6	1	37	11	11	22	47	35	32
33	Gurdaspur ...	Batala ...	27,223	7	13	20	15	4	11	...	...	2	9	...	...	4	1	...	1	38	29	33
34	Sialkot ...	Sialkot ...	33,965	20	9	29	29	14	15	...	...	1	10	1	...	17	4	4	8	45	45	34
35	Gujrat ...	Gujrat ...	17,671	10	12	22	10	6	4	...	...	...	7	1	...	2	2	...	2	65	30	35
36		Jalalpur ...	11,065	11	4	15	10	6	4	...	...	...	3	2	...	5	2	1	3	71	47	36
37	Gujranwala ...	Gujranwala ...	25,892	5	8	13	10	4	6	...	...	...	5	1	...	4	1	1	2	26	20	37
38		Wazirabad ...	15,786	6	13	19	22	10	12	...	...	...	14	6	...	2	1	3	4	63	73	38
39	Shahpur ...	Bhera ...	17,428	6	8	14	18	4	14	...	...	1	10	1	...	6	1	4	5	42	54	39
40	Jhelum ...	Pind Dadan Khan	15,055	7	5	12	27	14	13	...	...	...	25	1	...	1	6	1	7	42	94	40
41	Rawalpindi ...	Rawalpindi ...	38,334	9	11	20	57	38	19	...	...	...	30	4	...	2	6	6	12	27	78	41
42	Peshawar ...	Peshawar ...	63,079	32	26	58	53	34	19	...	...	...	42	2	2	7	8	3	11	48	44	42
43	Kohat ...	Kohat ...	14,347	9	8	17	19	8	11	...	...	...	10	1	...	8	1	4	5	62	69	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	7	12	19	57	26	31	...	...	...	38	9	...	10	6	10	16	46	138	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	5	7	12	45	31	14	...	...	...	34	5	...	6	12	3	15	26	98	45
		Grand Total ...	1,136 457	525	514	1,039	1,162	622	540	...	...	7	667	120	5	363	151	130	281	41	45	
	Hill Sanitaria.																					
	Simla		13,279	1	1	2	4	4	...	...	...	...	1	...	...	3	...	...	...	8	16	
	Dharmsala		2,778	...	1	1	2	...	2	...	...	...	1	1	...	...	...	...	...	19	38	
	Dalhousie		807	...	...	...	1	1	...	...	...	...	...	1	...	...	...	...	...	...	[illegible]	
	Murree		1,459	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	36	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 10th January 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 18TH DECEMBER 1897.

Births and Deaths in Municipal Towns.—In the 41 large Municipal towns 1,039 births were registered (525 males and 514 females), giving a birth-rate of 41 per *mille* of population; 1,162 deaths were registered (622 males and 540 females), giving a death-rate of 45 per *mille* of population. In the following towns the death-rates were excessively high:—Dera Ismail Khan 138, Dera Ghazi Khan 98, Pind Dadan Khan 94, Chunian 81.

W. A. CRAWFORD ROE, F. R C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE, LAHORE:
The 10th January 1898.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 25TH DECEMBER 1897.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	7	3	10	18	10	8	...	...	...	7	1	...	10	4	2	6	31	56	1
2		Hansi ...	15,190	9	7	16	12	6	6	...	...	...	7	...	...	5	1	...	1	55	41	2
3		Bhiwani ...	35,487	15	9	24	29	12	17	...	...	...	14	4	...	11	2	7	9	35	43	3
4		Sirsa ...	16,415	6	7	13	18	11	7	...	...	...	7	3	...	8	3	...	3	41	57	4
5	Rohtak ...	Rohtak ...	16,191	4	5	9	7	3	4	...	..	...	1	1	...	5	1	1	2	29	23	5
6		Jhajjar ...	11,881	2	1	3	10	5	5	..	...	...	4	...	...	6	1	4	5	13	44	6
7	Gurgaon ...	Rewari ...	27,934	4	3	7	8	2	6		..	...	4	1	...	3	...	2	2	13	15	7
8		Palwal ...	11,227	2	5	7	12	4	8		...	...	8	1	...	3	1	...	1	33	56	8
9	Delhi ...	Delhi ...	189,648	76	72	148	121	59	62		...	...	64	3	1	53	12	16	28	41	33	9
10		Sonepat ...	12,611	3	3	6	7	5	2		...	...	4	...	...	3	1	...	1	25	29	10
11	Karnal ...	Karnal ...	Returns not received.																			11
12		Kaithal ...																				12
13		Panipat ...																				13
14		Shahabad ...																				14
15	Umballa ...	Umballa ...	26,856	11	7	18	10	5	5	...	...	...	4	..	...	6	1	2	3	35	19	15
16		Jagadhri ...	13,029	7	4	11	14	7	7		...	...	6	1	...	7	2	1	3	44	56	16
17		Sadhaura ...	10,445	2	1	3	9	4	5	...	...	...	7	...	...	2	...	...	...	15	45	17
18	Hoshiarpur...	Hoshiarpur ...	17,546	12	7	19	9	4	5	..	...	...	5	...	...	4	1	1	2	56	27	18
19		Tanda and Urmar	11,632	2	4	6	10	4	6	...	...	...	7	...	...	3	1	3	4	27	43	19
20	Jullundur ...	Jullundur ...	50,375	26	17	43	28	14	14	..	...	...	14	1	...	13	4	2	6	45	29	20
21		Rahon ...	10,667	3	2	5	10	6	4	...	...	...	3	...	...	7	1	1	2	24	49	21
22		Kartarpur ...	10,441	4	3	7	2	1	1	..	...	...	2	...	...	...	1	...	1	35	10	22
23	Ludhiana ...	Ludhiana ...	46,024	7	15	22	50	27	23	...	...	...	25	12	...	13	1	3	[illegible]	25	57	23
24		Jagraon ...	18,116	9	7	16	12	6	6	...	...	...	6	1	...	5	2	2	4	46	35	24
25	Ferozepore...	Ferozepore ...	25,337	5	2	7	15	6	9	...	...	...	8	2	...	5	2	2	4	14	31	25
26	Mooltan ...	Mooltan ...	64,265	26	26	52	59	26	33	...	...	...	24	6	...	29	9	12	21	42	48	26
27	Jhang ...	Maghiana ...	13,866	9	6	15	13	3	10	...	...	...	8	1	...	4	...	3	3	56	49	27
28		Chiniot ...	13,476	4	7	11	9	5	4	...	...	...	6	...	...	3	2	1	3	43	35	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhoea.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	51	61	112	102	49	53	...	...	..	50	13	2	37	10	13	23	37	33	29
30		Kasur ...	20,290	7	11	18	18	9	9	...	...	...	10	2	...	6	4	2	6	46	46	30
31		Chunian ...	10,339	3	4	7	18	9	9	...	...	1	10	...	...	7	2	1	3	35	91	31
32	Amritsar ...	Amritsar ...	135,401	64	49	113	125	68	57	...	...	...	62	12	1	50	18	14	32	44	48	32
33	Gurdaspur ...	Batala ...	27,223	15	9	24	18	10	8	...	...	2	12	1	...	3	2	2	4	46	34	33
34	Sialkot ...	Sialkot ...	33,965	17	15	32	22	13	9	...	...	1	12	...	...	9	3	5	8	49	34	34
35	Gujrat ...	Gujrat ...	17,671	8	12	20	16	5	11	...	...	...	8	...	...	8	2	6	8	59	47	35
36		Jalalpur ...	11,065	7	7	14	6	2	4	...	..	...	3	...	...	3	...	1	1	66	28	36
37	Gujranwala...	Gujranwala ...	25,892	15	13	28	12	9	3	...	...	...	7	1	...	4	1	...	1	56	24	37
38		Wazirabad ...	15,786	11	7	18	27	20	7	...	...	...	12	1	...	14	8	2	10	59	89	38
39	Shahpur ...	Bhera ...	17,428	7	9	16	13	7	6	...	...	...	7	...	...	6	...	3	3	48	39	39
40	Jhelum ...	Pind Dadan Khan	15,055	7	7	14	15	6	9	..	...	...	11	...	1	3	...	3	3	48	52	40
41	Rawalpindi...	Rawalpindi ...	38,334	12	11	23	49	29	20	...	...	...	31	1	...	17	4	3	7	31	67	41
42	Peshawar ...	Peshawar ...	63,079	19	15	34	37	24	13	...	..	...	23	3	...	11	4	2	6	28	31	42
43	Kohat ...	Kohat ...	14,347	5	2	7	15	7	8	...	...	...	9	1	...	5	...	...	...	25	55	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	6	9	15	48	23	25	...	...	...	31	6	...	11	6	4	10	36	116	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	8	8	16	38	19	19	...	...	...	27	5	1	5	3	4	7	35	83	45
	Grand Total ...		1,336,457	517	472	989	1,071	544	527	...	...	4	570	84	6	407	120	130	250	39	42	
	Hill Sanitaria.																					
	Simla ...		13,279					Return	not	received.												
	Dharmsala ..		2,778	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	38	...	
	Dalhousie ...		807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...		1,459	...	...	...	1	...	1	...	...	..	1	...	...	...	...	...	...	...	36	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 10th January 1898.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGEON-LIEUT.-COLONEL,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 25TH DECEMBER 1897.

Births and Deaths in Municipal Towns.—In the 41 large Municipal towns 989 births were registered (517 males and 472 females), giving a birth-rate of 39 per *mille* of population; 1,071 deaths were registered (544 males and 527 females), giving a death-rate of 42 per *mille* of population. In the following towns the death-rates were excessively high: Dera Ismail Khan 116, Chunian 91, Wazirabad 89, Dera Ghâzi Khan 83.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGEON-LIEUT.-COLONEL,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 10th January 1898.

NORTH-WESTERN RAILWAY.

List of Government Promissory Notes in the custody of the Comptroller-General, Calcutta, on the 31st December 1897, deposited under Article 164, Civil Account Code, Volume I.

Serial No.	Name of person or Fund or Trust in whose behalf held.	Designation.	Amount of Investment. 3½ per cent. of 1865.	3 per cent. of 1896-97.	Total.	Name of Officer to whom interest is sent.
	North-Western Railway.		Rs.	Rs.	Rs.	
1	Mr. G. D. Poulton	Station Master	1,000	...	1,000	Examiner of Accounts, North-Western Railway.
2	Messrs. McLillon and Co.	Contractors, Karáchi	4,000	...	4,000	Ditto ditto.
3	Sind, Punjab and Delhi Railway Widow and Orphan Fund...	...	6,500	1,900	8,400	Ditto ditto.
4	Sind, Punjab and Delhi Railway Clergy Fund	North-Western Railway, Lahore	6,000	...	6,000	Ditto ditto.
5	Messrs. Smith, Rodwell and Co.	Mussoorie	2,000	...	2,000	Ditto ditto.
6	Mr. D. Issacs	Sub. Store-keeper	1,700	...	1,700	Ditto ditto.
7	Messrs. Dhanjibhoy Fakirji Camadore	Agents, North-Western Railway, Ráwalpindi ...	5,000	...	5,000	Ditto ditto.
8	Messrs. H. E. Reeves and Co.	Agents, North-Western Railway, Pathánkot ...	1,000	...	1,000	Ditto ditto.
9	Mr. D. A. Braganza	Refreshment Room Keeper	1,000	...	1,000	Ditto ditto.
10	Messrs. Bird and Co.	Contractors, Calcutta	2,000	...	2,000	Ditto ditto.
11	Messrs. Narsing Das, Khushál Chand and Gobind Rám ...	Cash and Pay Office Agents, North-Western Railway.	...	80,000	80,000	Ditto ditto.
12	Bhái Tára Singh	Cashier, Dandote Colliery	...	3,000	3,000	Ditto ditto.
13	Mr. F. W. Thorp	Sub. Store-keeper	...	800	800	Ditto ditto.
14	Mr. McGuire	Ditto	500	100	600	Ditto ditto.
15	Bábu Hari Mohan Chatterji	Loco. Store-keeper	...	200	200	Ditto ditto.
16	Bhái Sant Singh	Contractor, Khost	2,000	...	2,000	Ditto ditto.
17	Bhái Sahib Singh	Sub. Store-keeper	...	100	100	Ditto ditto.
		Total North-Western Railway ...	32,700	86,100	1,18,800	
	Mari-Attock Railway.					
1	Bábu Hari Pershád Chatterji	Cashier, Kamálpur Division	1,000	...	1,000	Ditto ditto.
2	Lála Rám Chand	Cashier, Gradient Division	...	2,000	2,000	Ditto ditto.
3	Lála Karam Chand	Cashier, Campbellpore Division	...	2,000	2,000	Ditto ditto.
4	Lála Jíwa Rám	Cashier, Lyallpur-Khánewál Railway ...	...	2,000	2,000	Ditto ditto.
		Total Mari Attock Railway ...	1,000	6,000	7,000	
		GRAND TOTAL ...	33,700	92,100	1,25,800	

LAHORE:
The 5th January 1898.

R. TOMKINS,
for *Examiner of Accounts, North-Western Railway.*

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF OCTOBER 1897.

Month.	Documents registered.			Total collections, inclusive of copying fees.	Total expenditure, inclusive of that paid out of copying fees.	Remarks.
	Compulsory.	*Optional.*				
		Relating to immoveable property.	Others.			
				Rs.	Rs.	
October 1897	4.424	2,036	587	18,274	7,669	
October 1896	5.702	2,905	810	23,241	8,314	
Difference ..	— 1.278	— 869	— 223	— 4,967	— 645	
First seven months of 1897-98 ..	73,528	35,282	5.517	2,69,672	78,511	
First seven months of 1896-97 ...	58,282	27,531	6,283	2,28,445	69,511	
Difference ...	+ 15,246	+ 7,751	— 766	+ 41,227	+ 9,000	

OFFICE OF INSPR.-GENL. OF REGTN., PUNJAB, LAHORE:
The 24th December 1897.

G. WALKER,
Inspector-General of Registration, Punjab.

Punjab Government Press, Lahore—13-1-98—690.

No. 3 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JANUARY 20, 1898.

PART I.
STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 18th JANUARY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharíf (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	...	1. Sufficient. 2. Good.	Wheat 11 seers. Gram 12 seers. Bájra 22 seers.	Crops being winnowed and housed.	Irrigated crops in good condition. Dry-land crops suffering from want of rain, which is urgently needed.
2	Delhi ...	...	1. Sufficient. 2. Fair.	Rising. Wheat 10½ seers. Gram 11 seers. Bájra 18 seers.	...	Crops suffering from want of rain.
3	Umballa ...	...	1. Sufficient. 2. Good.	Wheat 11 to 12 seers. Gram 11¼ to 11¾ seers. Maize 21¼ seers.	...	Crops slightly damaged by white ants in parts.
4	Jullundur ...	...	1. Sufficient. 2. Good.	Wheat 12¾ seers. Gram 13 seers. Maize 20½ seers.	...	Crops in good condition, but slightly damaged by white ants in Nakodar Tahsíl. Stock of food-grain sufficient.
5	Ferozepore ...	...	1. Sufficient. 2. Good.	Wheat 12 seers. Gram 12 seers. Barley 16 seers. Jowár 19 seers. Maize 20 seers.	...	Crops suffering from want of rain. Stock of food-grain sufficient.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	1. Sufficient.	Wheat 11 seers.	...	Crops in good condition.
7	Lahore ...	...	1. Sufficient. 2. Good.	Wheat 12 to 13 seers. Maize 17 to 19½ seers.	Sugarcane is being cut.	Irrigation of standing crops in progress. Irrigated crops good, and those dependent on rain average.
8	Amritsar ...	...	1. Scarce in parts. 2. Good.	Wheat 13¼ seers. Maize 19¼ seers.	Sugarcane pressing going on.	Crops in good condition. Rain wanted for dry land crops. Food stock sufficient.
9	Siálkot ...	...	1. Scarce. 2. Poor.	Wheat 12 to 12½ seers. Rice 9 to 10½ seers.	Sugarcane pressing going on.	Condition of crops good. Rain wanted.
10	Shahpur ...	...	1. Sufficient.	Wheat 12½ to 14 seers. Bájra 17¾ to 19 seers.	...	Crops promising. Rain needed.
11	Ráwalpindi ...	...	1. Sufficient.	Wheat 12¾ seers. Bájra 17 seers. Maize 18 seers.	...	Prospects good. Rain wanted. Locusts seen in Pindigheb, Fatahjang and Attock Tahsíls, but no damage done.
12	Peshâwar ...	...	1. Sufficient. 2. Good.	Wheat 11$\frac{6}{16}$ seers. Maize 19$\frac{3}{16}$ seers.	Sugarcane being pressed. Outturn average.	Sowings completed.
13	D. I. Khan ...	...	1. Sufficient except in parts. 2. Good except in Leiah Tahsíl, where they are getting lean.	Wheat 12½ seers. Bájra 17 seers.	Cotton pickings in progress. Outturn little below average.	Condition of standing crops average. Rain wanted.

GENERAL REMARKS.

Rainfall.—Nil.

Prices.—Prices, especially of wheat, are rising in Delhi, Jullundur and Dera Ismail Khan, falling in Mooltan and Peshâwar, and unchanged elsewhere. Wheat is selling from 10½ to 14, gram 11 to 13, barley 16, bulrush millet 17 to 22, maize 17 to 21¼, great millet 19, and rice 9 to 10½ seers per rupee.

Agricultural operations.—Sugarcane pressing and cotton picking are still in progress in some districts. Irrigation of spring crops going on.

Crops and outturn.—Condition of irrigated spring crops good, but those on dry land are suffering from want of rain, which is urgently required throughout the Province. Outturn of sugarcane is reported average in Peshâwar and that of cotton below average in Dera Ismail Khan.

Damage done to crops.—Crops have been slightly damaged by white ants in parts of Umballa and Jullundur. Locusts appeared in three Tahsíls of Ráwalpindi, but did no damage.

Agricultural stock.—Cattle are reported in poor condition in Siálkot and parts of Dera Ismail Khan and good elsewhere.

Pasturage.—Fodder sufficient in all districts except Siálkot and parts of Amritsar and Dera Ismail Khan.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab

AGRICULTURAL PROSPECT REPORT OF THE DISTRICT OF SIMLA FOR THE MONTH OF DECEMBER 1897, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO THE *PUNJAB GAZETTE* DATED 13TH JANUARY 1898.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st December.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st December 1897.	1st April 1898 to 30th Septr. 1898.	Total.	Condition of crops and cattle, and health of people.
Simla.	Kasauli ...	1·71	...	0·75	0·44	0·44	...	0·44	Condition of rabi crop good, but rain is badly needed. A flight of locusts passed over certain localities in the Simla Tahsíl, but did not alight. Health of people good.
	Bharauli ...	1·49	...	0·46	0·67	0·67	...	0·67	
	Simla	2·30	...	0·84	0·74	0·74	...	0·74	
	Kot Khai ...	2·21	...	0·55	...	...	...	...	
	Kotgarh ...	2·33	...	0·61	0·65	0·65	...	0·65	
	Kilba	4·40	...	1·24	0·82	0·84	...	0·84	

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

MONTHLY RAINFALL OF KILBA (SIMLA DISTRICT) IN THE PUNJAB FOR THE MONTH OF NOVEMBER 1897,

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab Hill Division.	Simla.	Kilba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO PUNJAB GAZETTE DATED 23RD DECEMBER 1897.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 30th November 1897.	Average rainfall from 1st October up to 30th November.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	0	1·8	0	1·97	0	0·02	3·16	Kilba.	Simla.	Punjab Hill Division.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

TABLE OF RAINFALL RECORDED AT STATIONS IN THE

Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Punjab, South.	Hissar.	Sirsa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fatahabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hissar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hansi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Budhlada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jind State.	Dhaneta C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Safidan C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jind C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bikaner State.	Chhani C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ferozepore.	Moga	...	...	...	...	...	...	...	...	...	...	...	0·12	...	...	...	...	...	...	...	...	...
		Zira	...	...	...	...	...	...	...	...	0·02	...	...	0·19	...	...	...	...	...	...	...	...	...
		Ferozepore Sadr	...	...	...	...	...	...	...	...	...	...	...	0·55	...	...	...	...	...	...	...	...	...
		Ferozepore City	...	...	...	...	...	...	...	...	...	...	...	0·60	...	...	...	...	...	...	...	...	...
		Muktsar	...	...	...	...	...	...	...	...	...	...	0·10	...	...	...	...	...	...	...	...	...	...
		Fazilka	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	...	...	...	...	...	...
		Nathana	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...	...	...	...	...	...
		Jalalabad	...	...	...	...	...	...	...	...	...	...	...	0·35	...	...	...	...	...	...	...	...	...
		Govindgarh C	...	...	...	...	...	...	...	...	...	...	...	0	...	...	...	...	...	...	...	...	...
		Phidda C	...	...	...	...	...	...	...	...	...	...	...	0	...	...	...	...	...	...	...	...	...
	Montgomery.	Gugera	...	...	...	...	...	...	...	...	R.	...	R.	0·90	...	...	...	...	...	...	...	...	...
		Montgomery	...	...	...	...	...	...	...	...	...	...	0	0·46	...	...	...	...	...	...	...	...	...
		Pakpattan	...	...	...	...	...	...	...	...	...	...	R.	R.	...	...	...	...	...	...	...	...	...
		Dipalpur	...	...	...	...	...	...	...	...	0·04	...	0·21	0 24	...	...	...	...	...	...	...	...	...
		Sandyanwala C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Central.	Gurgaon.	Farukhnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jatusana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rewari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shahjahanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tauru	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nuh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Firozpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hodal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hattin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sohna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gurgaon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Punahana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rohtak.	Rohtak	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sampla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhajjar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Delhi.	Ballabgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahrauli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr (Delhi)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sonepat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

PUNJAB FOR THE MONTH OF DECEMBER 1897.

25 22nd.	26 23rd.	27 24th.	28 25th.	29 26th.	30 27th.	31 28th.	32 29th.	33 30th.	34 31st.	35 Number of rainy days.	36 Average number of rainy days.	37 Total rainfall for the month.	38 Average rainfall for the month.	39 Heaviest rainfall during the month.	40 Total rainfall from 1st October 1897 up to 31st December 1897.	41 Average rainfall from 1st October up to 31st December.	3 Station.	2 District.	1 Meteorological Division.
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·44	0	0·16	0·70	Sirsa	Hissar.	Punjab, South.
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·20	0	0	0·50	Fatahabad		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·55	0	0·27	0·82	**Hissar**		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·20	0	0·48	0·46	Hansi		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·18	0	0·53	0·46	Bhiwani		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·47	?	Budhlada		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·19	?	Tohana		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Dhaneta *C*	Jind State.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·50	?	Safidan *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Jind *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·70	?	Chhani *C*	Bikaner State.	
...	...	...	...	...	...	...	...	...	...	1	0·4	0·12	0·31	0·12	0·37	0·53	Moga	Ferozepore.	
...	...	...	...	...	...	...	...	...	...	1	0·4	0·21	0·22	0·19	0·25	0·41	Zira		
...	...	...	...	...	...	...	...	...	...	1	0·4	0·55	0·17	0·55	0·55	0·52	**Ferozepore Sadr**		
...	...	...	...	...	...	...	...	...	...	1	?	0·00	?	0·00	0·62	?	Ferozepore City		
...	...	...	...	...	...	...	...	...	...	1	0·2	0·10	0·14	0·10	0·21	0·33	Muktsar		
...	...	...	...	...	...	...	...	...	...	0	?	0·02	?	0·02	0·05	?	Fazilka		
...	...	...	...	...	...	...	...	...	...	0	?	0·03	?	0·03	0·03	?	Nathana		
...	...	...	...	...	...	...	...	...	...	1	?	0·35	?	0·35	0·35	?	Jalalabad		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Govindgarh *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Phidda *C*		
...	...	...	...	...	...	...	...	...	...	1	0·2	0·90	0·12	0·90	1·15	0·22	Gugera	Montgomery.	
...	...	...	...	...	...	...	...	...	...	1	0·4	0·46	0·21	0·46	0·46	0·32	**Montgomery**		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·18	0	0	0·28	Pakpattan		
...	...	...	...	...	...	...	...	...	...	2	0·4	0·49	0·19	0·24	0·49	0·30	Dipalpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Sandyanwala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Farukhnagar	Gurgaon.	Punjab, Central.
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Jatusana		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·20	0	0	0·59	Rewari		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·80	?	Shahjahanpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·34	?	Tauru		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·26	0	0	0·59	Nuh		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·08	0	0	0·45	Firozpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Hodal		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·32	?	Hattin		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·18	0	0	0·87	Palwal		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Sohna		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·36	0	0	0·88	**Gurgaon**		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Punahana		
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·47	0	0	0·86	**Rohtak**	Rohtak.	
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·44	0	0	0·77	Gohana		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·27	0	0	0·58	Sampla		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·29	0	0	0·53	Jhajjar		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·23	0	0	0·68	Ballabgarh	Delhi.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Mahrauli		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·44	0	0	1·01	**Sadr (Delhi)**		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·33	0	0·20	0·68	Sonepat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Central—*concluded.*	Karnal.	Panipat	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...	...	...	...	...	...
		Karnal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajaund	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kaithal	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	...	...	...	...	...	...
		Gulah	...	...	...	...	...	...	...	...	...	...	0·10	...	...	...	...	...	...	...	...	...	...
		Thanasar	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	...	...	...	...
	Lahore.	Van *C*	...	...	...	...	...	...	...	...	...	...	...	1·00	...	...	...	...	...	...	...	...	...
		Chunian	...	...	...	...	...	...	...	0·04	...	0·10	0·72	...	...	...	...	...	...	...	...	...	...
		Kasur	...	...	...	...	...	...	...	...	...	...	...	1·04	...	...	...	...	...	...	...	...	...
		Pambe *C*	...	...	...	...	...	...	...	...	0·10	...	...	1·10	...	...	...	...	...	...	...	...	...
		Sharakpur	...	...	...	...	...	...	...	...	0·12	...	0·05	1·48	...	...	...	...	...	...	...	...	...
		Niaz Beg *C*	...	...	...	...	...	...	...	...	...	...	...	1·38	...	...	...	...	...	...	...	...	...
		Lahore	...	...	...	...	...	...	...	...	0·12	...	...	1·09	...	...	...	...	...	...	...	...	...
		Mean Meer *C*	...	...	...	...	...	...	...	...	0·10	...	...	1·23	...	...	...	...	...	...	...	...	...
		Manihala *C*	...	...	...	...	...	...	...	...	0·04	...	...	0·24	...	...	...	...	...	...	...	...	...
		Dafthu *C*	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...	...	...	...	...	...	...	...
		Nijabat *C*	...	...	...	...	...	...	...	...	...	...	0·19	0·21	...	...	...	...	...	...	...	...	...
Punjab, Submontane.	Umballa.	Jagadhri	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	...	...	...	...
		Umballa	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	...	...	...	...	...
		Naraingarh	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	...	...	...	...	...
		Kharar	...	...	...	...	...	...	...	...	...	...	...	0·17	...	...	...	...	...	...	...	...	...
		Rupar	...	...	...	...	...	...	...	...	...	...	0·30	0	...	...	...	...	...	...	...	...	...
		Dadupur *C*	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	...	...	...	...	...	...	...
	Patiala State.	Kotra *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jodhpur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raniki *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lehal *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujran *C*	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	...	...	...	...	...	...
		Barthala *C*	...	...	...	...	...	...	...	...	...	...	...	0·25	...	...	...	...	...	...	...	...	...
	Nabha State.	Dadahur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bündher *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ludhiana.	Samrala	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...	...	...	...	...	...
		Ludhiana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jagraon	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...	...	...	...	...	...
	Jullundur.	Jullundur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nakodar	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	...	...	...	...	...
		Phillour	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	...	...	...	...	...
		Nawashahr	...	...	...	...	...	...	...	...	...	...	0·08	...	...	...	...	...	...	...	...	...	...

Punjab for the month of December 1897—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st December 1897.	Average rainfall from 1st October up to 31st December.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...		0	0·4	0·03	0·30	0·03	0·03	0·58	Panipat	Karnal.	Punjab, Central—*concluded.*
...	...	...	...	...	...	...	...	...		0	1·1	0	0·43	0	0	0·86	**Karnal**		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Rajaund		
...	...	...	...	...	...	...	...	...		0	0·6	0·05	0·27	0·05	0·05	0·41	Kaithal		
...	...	...	...	...	...	...	...	...		1	?	0·10	?	0·10	0·10	?	Gulab		
...	...	...	...	...	...	...	...	...		0	0·4	0·04	0·31	0·04	0·04	0·73	Thanasar		
...	...	...	...	...	...	...	...	...		1	0·3	1·00	0·29	1·00	1·00	0·69	Van *C*	Lahore.	
...	...	...	...	...	...	...	...	...		2	0·1	0.86	0·12	0·72	0·86	0·44	Chunian		
...	...	...	...	...	...	...	...	...		1	0·3	1·04	0·19	1·04	1·04	0·48	Kasur		
...	...	...	...	...	...	...	...	...		2	0·5	1·20	0·21	1·10	1·20	0·54	Pambe *C*		
...	...	...	...	...	...	...	...	...		2	0·3	1·65	0·13	1·48	1.65	0·34	Sharakpur		
...	...	...	...	...	...	...	...	...		1	0·5	1·38	0·29	1·38	1.38	0·05	Niaz Beg *C*		
...	...	...	...	...	...	...	...	...		2	0·6	1·21	0·37	1·09	1 23	0·88	**Lahore**		
...	...	...	...	...	...	...	...	...		2	0·5	1·33	0·33	1·23	1·33	1·21	Meean Meer *C*		
...	...	...	...	...	...	...	...	...		1	0·3	0·38	0·20	0·34	0·38	0·50	Manihala *C*		
...	...	...	...	...	...	...	...	...		1	?	0·30	?	0·30	0·30	?	Dafthu *C*		
...	...	...	...	...	...	...	...	...		2	?	0·40	?	0·21	0·40	?	Nijabat *C*		
...	...	...	...	...	...	...	...	...		0	0·5	0·04	0·46	0·04	0·04	1·04	Jagadhri	Umballa.	unja Submontane.
...	...	...	...	...	...	...	...	...		1	1·0	0 20	0·48	0 20	0·20	0·96	**Umballa**		
...	...	...	...	...	...	...	...	...		0	0·5	0·02	0·54	0·02	0·02	1·25	Naraingarh		
...	...	...	...	...	...	...	...	...		1	0·5	0·17	0·55	0·17	0·17	1·20	Kharar		
...	...	...	...	...	...	...	...	...		1	1·2	0·30	0·70	0·30	0·30	1·25	Rupar		
...	...	...	...	...	...	...	...	...		1	?	0·10	?	0·10	0·10	?	Dadupur *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Kotra *C*	Patiala State.	
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0·18	?	Jodhpur *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Raniki *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Lehal *C*		
...	...	...	...	...	...	...	...	...		0	?	0·05	?	0·05	0·20	?	Gujran *C*		
...	...	...	...	...	...	...	...	...		1	?	0·25	?	0·25	0·25	?	Barthala *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Dadahur *C*	Nabha State.	
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Bundher *C*		
...	...	...	...	...	...	...	...	...		1	0·4	0·15	0·38	0·15	0·15	1·02	Samrala	Ludhiana.	
...	...	...	...	...	...	...	...	...		0	0·6	0	0·42	0	0·02	0 95	**Ludhiana**		
...	...	...	...	...	...	...	...	...		0	0·4	0·03	0·32	0·03	0·20	0·46	Jagraon		
...	...	...	...	...	...	...	...			0	0·8	0	0·64	0	0	0·92	**Jullundur**	Jullundur.	
...	...	...	...	...	...	...	...	...		0	0·6	0·02	0·30	0·02	0·02	0·51	Nakodar		
...	...	...	...	...	...	...	...	...		0	0·6	0·02	0·42	0·02	0·06	0·87	Phillour		
...	...	...	...	...	...	...	...	...		0	-0·7	0·08	0·59	0·08	0·08	0·93	Nawashahr		

Table of Rainfall recorded at Stations in the

1 Meteorological Division.	2 District.	3 Station.	4 1st.	5 2nd.	6 3rd.	7 4th.	8 5th.	9 6th.	10 7th.	11 8th.	12 9th.	13 10th.	14 11th.	15 12th.	16 13th.	17 14th.	18 15th.	19 16th.	20 17th.	21 18th.	22 19th.	23 20th.	24 21st.
Punjab, Submontane—concluded.	Hoshiarpur.	Dasuya	...	...	...	...	...	...	...	...	...	...	...	0·27	...	...	...	...	...	...	...	...	...
		Una	...	...	...	...	...	...	...	...	0·02	...	...	0·17	...	...	...	...	...	...	...	...	...
		Garhshankar	...	...	...	...	...	...	...	...	0·01	...	...	0·05	...	...	...	...	...	...	...	...	...
		Sadr Station	...	...	...	...	...	...	...	...	0·04	...	...	0·03	...	...	...	...	...	...	...	...	...
		Hoshiarpur	...	...	...	...	...	...	...	...	0·02	...	...	0·04	...	...	...	...	...	...	...	...	...
	Gurdaspur.	Aliwal *C*	...	...	...	...	...	...	...	...	0·21	...	...	0·40	...	...	...	...	...	...	...	...	...
		Batala	...	...	...	...	...	...	...	...	0·15	...	...	0·33	...	...	...	...	...	...	...	...	...
		Tibri *C*	...	...	...	...	...	...	...	...	0·10	...	...	0·40	...	...	...	...	...	...	...	...	...
		Gurdaspur	...	...	...	...	...	...	...	...	0·20	...	...	0·44	...	...	...	...	...	...	...	...	...
		Pathankot	...	...	...	...	...	...	...	...	...	...	...	0·42	...	...	...	...	...	...	...	...	...
		Dalhousie	...	...	...	...	...	...	...	...	...	...	0·60	0·05	...	...	...	...	...	...	...	...	...
		Madhopur *C*	...	...	...	...	...	...	...	...	0·15	...	...	0·54	...	...	...	...	...	...	...	...	...
		Shakargarh	...	...	...	...	...	...	...	...	0·09	...	...	0·70	...	...	...	...	...	...	...	...	...
	Amritsar.	Buchar *C*	...	...	...	...	...	...	...	...	0·10	...	...	0·50	...	...	...	...	...	...	...	...	...
		Khara *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tarn Taran	...	...	...	...	...	...	...	...	0·05	...	...	0·31	...	...	...	...	...	...	...	...	...
		Raya *C*	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	...	...	...	...
		Amritsar Jail Hospital.	...	...	...	...	...	...	...	...	0·22	...	...	0·42	...	..	...	...	...	...	...	...	...
		Amritsar *C*	...	...	...	...	...	...	...	...	0·20	...	...	0·38	...	...	...	...	...	...	...	...	...
		Buggeh *C*	...	...	...	...	...	...	...	...	0·20	...	...	0·25	...	...	...	...	...	...	...	...	...
		Ajnala	...	...	...	...	...	...	...	...	0·18	...	...	0·47	...	...	...	...	...	...	...	...	...
Punjab, Hill Division.	Simla.	Kasauli	...	...	...	...	...	...	...	...	...	...	...	0·44	...	...	...	...	...	...	...	...	...
		Barauli	...	...	...	...	...	...	...	...	...	...	0·43	0·24	...	...	...	...	...	...	...	...	...
		Simla	...	...	...	...	...	...	...	...	...	..	...	0·40	0·34	...	...	...	...	...	...	...	...
		Kot Khai										Statement not received.											
		Kotgarh	...	...	...	...	...	...	...	...	...	...	0·50	0·15	...	...	...	...	...	...	...	...	...
		Kilba	...	...	...	...	...	...	...	...	0·52	0·30	...	...	...	...	...	...	...	...	...	...	...
Punjab, North-West.	Kangra.	Plach	...	...	...	...	...	...	...	...	...	...	...	0·70	0·75	...	...	...	...	...	...	...	...
		Kulu	...	...	...	...	...	...	...	...	...	...	...	1·06	0·57	...	...	...	...	...	...	...	...
		Nagar	...	...	...	...	...	...	...	...	...	...	...	1·25	0·50	...	...	...	...	...	...	...	...
		Palampur	...	...	...	...	...	...	...	...	...	...	...	0·69	...	...	...	...	...	...	...	...	...
		Hamirpur	...	...	...	...	...	...	...	...	0·01	...	0·35	...	...	...	...	...	...	...	...	...	...
		Dera	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...
		Kangra	...	...	...	...	...	...	...	...	...	...	...	0·18	...	...	...	...	...	...	...	...	...
		Dharmsala	...	...	...	...	...	...	...	...	..	...	0·03	0·35	...	...	...	...	...	...	...	...	...
		Nurpur	...	...	...	...	...	...	...	...	...	...	...	0·20	0·05	...	...	...	...	...	...	...	...
	Gujranwala.	Ramnagar	...	...	...	...	...	...	...	...	...	...	18·0	...	...	...	...	...	...	...	...	...	...
		Wazirabad	...	...	...	...	...	...	...	...	...	...	0·77	...	...	...	...	...	...	...	...	...	...
		Gujranwala Sadr Kacheri.	...	...	...	...	...	...	...	...	...	...	0·73	...	...	...	...	...	...	...	...	...	...
		Shekhupura	...	...	...	...	...	...	...	...	...	...	1·30	...	...	...	...	...	...	...	...	...	...
		Hafizabad	...	...	...	...	...	...	...	...	...	...	1·65	...	...	...	...	...	...	...	...	...	...
		Khangah Dogran	...	...	...	...	...	...	...	...	...	...	1·27	...	...	...	...	...	...	...	...	...	...
		Jalalpur *C*		Gauge not yet erected.																			
		Pacca Dalla *C*	...	...	...	...	...	..	...	...	...	...	0·80	0·30	...	...	...	...	...	...	...	...	...
		Firoz *C*	...	...	...	...	...	...	...	...	...	...	1·20	...	...	..	...	...	...	...	...	...	...
	Sialkot.	Zafarwal	...	...	...	...	...	...	...	...	0·03	...	...	0·63	...	...	...	...	...	...	...	...	...
		Pasrur	...	...	...	...	...	...	...	...	...	...	...	0·36	...	...	...	...	...	...	...	...	...
		Raya	...	...	...	...	...	...	...	...	...	...	...	0·46	...	...	...	...	...	...	...	...	...
		Daska	...	...	...	...	...	...	...	...	...	...	...	0·84	...	...	...	...	...	...	...	...	...
		Sialkot	...	...	...	...	...	...	...	...	0·02	...	...	0·41	...	...	...	...	...	...	...	...	...

Punjab for the month of December 1897—continued.

25 22nd.	26 23rd.	27 24th.	28 25th.	29 26th.	30 27th.	31 28th.	32 29th.	33 30th.	34 31st.	35 Number of rainy days.	36 Average number of rainy days.	37 Total rainfall for the month.	38 Average rainfall for the month.	39 Heaviest rainfall during the month.	40 Total rainfall from 1st October 1897 up to 31st December 1897.	41 Average rainfall from 1st October up to 31st December.	3 Station.	2 District.	1 Meteorological Division.
...	...	...	...	...	...	...	...	...	...	1	0·7	0·27	0·62	0·27	0·27	1·13	Dasuya	Hoshiarpur.	Punjab, Submontane—*concluded.*
...	...	...	...	...	...	...	...	...	...	1	0·8	0·19	0·59	0·17	0·19	1·03	Una		
...	...	...	...	...	...	...	...	...	...	0	0·9	0·06	0·71	0·05	0·13	1·33	Garhshankar		
...	...	...	...	...	...	...	...	...	...	0	1·2	0·07	0·90	0·04	0·16	1·39	**Sadr Station**		
...	...	...	...	...	...	...	...	...	...	0	?	0·06	?	0·04	0·17	?	Hoshiarpur		
...	...	...	...	...	...	...	...	...	...	2	1·1	0·61	0·56	0·40	0·61	1·40	Aliwal *C*	Gurdaspur.	
...	...	...	...	...	...	...	...	...	...	2	0·7	0·48	0·53	0·33	0·50	1·00	Batala		
...	...	...	...	...	...	...	...	...	...	2	1·4	0·50	0·86	0·49	0·50	1·40	Tibri *C*		
...	...	...	...	...	...	...	...	0·02	...	2	0·9	0·66	0·75	0·44	0·66	1·14	**Gurdaspur**		
...	...	...	...	...	...	...	...	...	...	1	1·[illegible]	0·42	0·89	0·42	0·53	1·40	Pathankot		
...	...	...	...	...	...	...	...	...	...	1	1·9	0·05	1·88	0·60	1·40	3·59	Dalhousie		
...	...	...	...	...	...	...	...	...	...	1	2·6	0·59	1·41	0·54	0·59	2·33	Madhopur *C*		
...	...	...	...	...	...	...	...	...	...	1	0·8	0·79	0·57	0·70	0·86	1·25	Shakargarh		
...	...	...	...	...	...	...	...	...	...	2	0·9	0·60	0·33	0·50	0·90	0·72	Buchar *C*	Amritsar.	
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·28	0	0·04	0·38	Khara *C*		
...	...	...	...	...	...	...	...	...	...	1	0·6	0·36	0·23	0·31	0·36	0·58	Tarn Taran		
...	...	...	...	...	...	...	...	...	...	0	0·6	0·04	0·38	0·04	0·04	0·87	Raya *C*		
...	...	...	...	...	...	...	...	...	...	2	0·8	0·64	0·48	0·42	0·64	1·10	**Amritsar Jail Hospital**		
...	...	...	...	...	...	...	...	...	...	2	?	0·58	?	0·38	0·58	?	**Amritsar *C***		
...	...	...	...	...	...	...	...	...	...	2	0·5	0·45	0·17	0·25	0·45	0·84	Buggeh *C*		
...	...	...	...	...	...	...	...	...	...	2	0·4	0·65	0·17	0·47	0·65	0·64	Ajnala		
...	...	...	...	...	...	...	...	...	...	1	1·4	0·44	0·75	0·44	0·44	1·71	Kasauli	Simla.	Punjab, Hill Division.
...	...	...	...	...	...	...	...	...	...	2	0·8	0·67	0·46	0·43	0·67	1·49	Barauli		
...	...	...	...	...	...	...	...	...	...	2	1·3	0·74	0·84	0·40	0·74	2·30	Simla		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·55	0	0	2·21	Kot Khai		
...	...	...	...	...	...	...	...	...	...	2	1·1	0·65	0·61	0·50	0·65	2·33	Kotgarh		
...	...	...	...	...	...	...	...	...	...	2	1·8	0·82	1·24	0·5	0·84	4·40	Kilba		
...	...	...	...	...	...	...	...	...	...	2	1·2	1·45	1·05	0·75	2·00	2·50	Plach	Kangra.	Punjab, North-West.
...	...	...	...	...	...	...	...	...	...	2	1·3	1·63	1·20	1·06	1·71	3·40	Kulu		
...	...	...	...	...	...	...	...	...	...	2	1·8	1·75	0·55	1·25	1·97	3·47	Nagar		
...	...	...	...	...	...	...	...	...	...	1	1·3	0·69	1·17	0·69	0·80	3·30	Palampur		
...	...	...	...	...	...	...	...	...	...	1	1·1	0·36	0·78	0·35	0·36	1·62	Hamirpur		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·78	0	0	1·44	Dera		
...	...	...	...	...	...	...	...	...	...	1	1·1	0·18	0·95	0·18	0·38	1·86	Kangra		
...	...	...	...	...	...	...	...	...	...	1	1·8	0·38	1·10	0·35	0·87	2·88	**Dharmsala**		
...	...	...	...	...	...	...	...	...	...	1	1·1	0·25	1·13	0·20	0·47	2·59	Nurpur		
...	...	...	...	...	...	...	...	...	...	1	0·3	1·80	0·09	1·80	1·80	0·40	Ramnagar	Gujranwala.	
...	...	...	...	...	...	...	...	...	...	1	0·3	0·77	0·42	0·77	0·77	1·14	Wazirabad		
...	...	...	...	...	...	...	...	...	...	1	0·8	0·73	0·49	0·73	0·73	1·18	**Gujranwala Sadr Kacheri.**		
...	...	...	...	...	...	...	...	...	...	1	0·5	1·30	0·39	1·30	1·30	0·67	Shekhupura		
...	...	...	...	...	...	...	...	...	...	1	0·5	0·65	0·30	1·65	1·65	0·76	Hafizabad		
...	...	...	...	...	...	...	...	...	...	1	?	1·27	?	1·27	1·27	?	Khangah Dogran		
										...	?	...	?	...	...	?	Jalalpur *C*		
...	...	...	...	...	...	...	...	...	...	2	?	1·10	?	0·80	1·10	?	Pacca Dalla *C*		
...	...	...	...	...	...	...	...	...	...	1	?	1·20	?	1·20	1·20	?	Firoz *C*		
...	...	...	...	...	...	...	...	0·03	...	1	0·7	0·69	0·54	0·63	0·73	0·97	Zafarwal	Sialkot.	
...	...	...	...	...	...	...	...	...	...	1	0·6	0·36	0·84	0·36	0·36	1·35	Pasrur		
...	...	...	...	...	...	...	...	...	...	1	0·5	0·46	0·34	0·46	0·46	0·88	Raya		
...	...	...	...	...	...	...	...	...	...	1	0·6	0·84	0·44	0·84	0·84	1·14	Daska		
...	...	...	...	...	...	...	...	0·02	...	1	0·9	0·45	0·47	0·41	0·55	1·20	**Sialkot**		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	2
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, North-West—*concluded.*	Gujrat.	Sadr (Gujrat) ...	...	...	...	...	...	...	...	...	...	...	...	·88	...	...	...	...	...	...	...	...	...
		Kharian ...	...	...	...	...	...	...	...	...	...	...	...	1·55	...	...	...	...	...	...	...	...	...
		Phalia ...	...	...	...	...	...	...	...	...	...	...	...	1·45	...	...	...	...	...	...	...	...	...
	Jhelum.	Pind Dadan Khan...	...	...	...	...	...	...	...	...	...	...	...	1·51	...	...	...	...	...	...	...	...	...
		Sadr Station (Jhelum)	...	...	...	...	...	...	...	...	...	...	...	1·46	...	...	...	...	...	...	...	...	...
		Chakwal ...	...	...	...	...	...	...	...	...	...	...	0·03	1·65	·03	...	...	...	...	...	...	...	...
		Talagang ...	...	...	...	...	...	...	...	...	...	...	0·31	1·08	...	...	...	...	...	...	...	...	...
	Rawalpindi.	Pindigheb ...	...	...	...	...	...	...	...	...	...	...	0·63	0·98	...	...	...	...	...	...	...	...	...
		Fatahjang ...	...	...	...	...	...	...	...	...	...	...	...	1·50	...	...	...	...	...	...	...	...	...
		Attock ...	...	...	...	...	...	...	...	...	...	...	0·24	1·37	...	...	...	...	...	...	...	...	...
		Rawalpindi ...	...	...	...	...	...	...	...	...	...	...	...	1·43	0·19	...	...	...	...	...	...	...	...
		Gujar Khan ...	...	...	...	...	...	...	...	...	...	...	1·05	0·11	...	...	...	...	...	...	...	...	...
		Kahuta ...	...	...	...	...	...	...	...	...	...	...	...	1·42	...	...	...	...	...	...	...	...	...
		Murree ...	...	...	...	...	...	...	...	...	...	...	...	1·80	...	...	...	...	...	...	...	...	...
	Peshawar.	Swabi ...	...	...	...	...	...	...	...	...	...	...	0·11	1·24	0.05	...	...	...	...	...	...	...	...
		Lahor (Utman Bolak)	...	...	...	...	...	...	...	...	...	...	0·05	1·17	...	...	...	...	...	...	...	...	...
		Nowshera ...	...	...	...	...	...	...	...	...	...	...	0·56	0·89	...	...	...	...	...	...	...	...	...
		Mardan ...	...	...	...	...	...	...	...	...	...	...	0·28	1·10	...	...	...	...	...	...	...	...	...
		Katlang ...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...	...	...	...	...	...	...
		Hashtnagar (Charsadda.)	...	...	...	...	...	...	...	...	...	...	0·29	0·88	...	...	...	...	...	...	...	...	...
		Nabakki ...	...	...	...	...	...	...	...	...	...	...	...	1·15	...	...	...	...	...	...	...	...	...
		Peshawar ...	...	...	...	...	...	...	...	...	0·02	...	0·18	0·83	...	...	...	...	...	...	...	...	...
		Abazai *C* ...	...	...	...	...	...	...	...	...	...	...	0·30	0·50	...	...	...	...	...	...	...	...	...
		Khan Mahi *C* ...	...	...	...	...	...	...	...	...	...	...	0·20	0·60	...	...	...	...	...	...	...	...	...
		Para Chinar (Kurram)	...	...	...	...	...	...	0·09	0·03	...	...	0·27	0·19	...	...	...	...	...	...	...	...	...
	Hazara.	Abbott-abad ...	...	...	...	...	...	...	...	...	0·75	0·36	...	...	...	...	...	...	...	...	...	...	...
		Mansahra ...	...	...	...	...	...	...	...	...	0·55	0·42	...	...	...	...	...	...	...	...	...	...	...
		Haripur ...	...	...	...	...	...	...	...	...	0·63	0·08	..	...	...	...	...	...	...	...	...	...	...
	Kohat.	Kohat ...	...	...	...	...	...	...	...	...	0·07	0·03	0·27	0·45	...	...	...	...	...	...	...	...	...
		Hangu ...	...	...	...	...	...	...	...	...	0·08	0·02	0·32	0·13	...	...	...	...	...	...	...	...	...
		Thal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banda Daud Shah...	...	...	...	...	...	...	...	...	0·10	...	0·31	0·18	...	...	...	...	...	...	...	...	...
		Khushalgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, West.	Bannu.	Mianwali ...	...	...	...	...	...	...	...	...	...	...	0·18	0·52	...	...	...	...	...	...	...	...	...
		Isa Khel ...	...	...	...	...	...	...	...	...	...	...	0·17	0·28	...	...	...	...	...	...	...	...	...
		Bannu ...	...	...	...	...	...	...	...	0·32	0·01	...	0·[illegible]0	0·14	...	...	...	...	...	...	...	...	...
		Marwat ...	...	...	...	...	...	...	...	...	...	...	0·23	...	...	...	...	...	...	...	...	...	...

Punjab for the month of December 1897—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st December 1897.	Average rainfall from 1st October up to 31st December.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	1	1.0	0.88	0.52	0.88	0.88	1.44	**Sadr (Gujrat)**	Gujrat.	Punjab, North-West—*concluded.*
...	...	...	...	...	...	...	...	...	...	1	0.8	1.55	0.42	1.55	1.55	1.24	Kharian		
...	...	...	...	...	...	...	...	...	...	1	0.5	1.45	0.29	1.45	1.45	0.98	Phalia		
...	...	...	...	...	...	...	...	...	...	1	0.4	0.51	0.22	1.51	1.63	1.04	Pind Dadan Khan	Jhelum.	
...	...	...	...	...	...	...	...	...	...	1	1.4	1.46	0.52	1.46	1.67	1.53	**Sadr Station (Jhelum)**		
...	...	...	...	...	...	...	...	...	...	1	0.4	1.71	0.28	1.65	1.71	0.81	Chakwal		
...	...	...	...	...	...	...	...	...	...	2	0.4	1.39	0.22	1.08	1.39	1.02	Talagang		
...	...	...	...	...	...	...	...	...	...	2	0.6	1.61	0.21	0.98	1.85	1.06	Pindigheb	Rawalpindi.	
...	...	...	...	...	...	...	...	...	...	1	0.9	1.50	0.40	1.50	2.07	1.27	Fatahjang		
...	...	...	...	...	...	...	0.14	...	...	3	1.0	1.75	0.28	1.37	1.75	0.90	Attock		
...	...	...	...	...	...	0.05	...	...	...	2	1.6	1.62	0.64	1.43	1.62	1.99	**Rawalpindi**		
...	...	...	...	...	...	...	...	...	...	2	1.0	1.16	0.37	1.05	1.51	2.16	Gujar Khan		
...	...	...	...	...	...	...	...	...	...	1	1.3	1.42	0.99	1.42	1.42	2.32	Kahuta		
...	...	...	...	...	...	...	...	0.20	...	2	0.6	2.00	0.46	1.80	2.69	3.25	Murree		
...	...	...	...	...	...	...	0.23	...	...	3	0.5	1.63	0.34	1.24	1.63	1.87	Swabi	Peshawar.	
...	...	...	...	...	...	...	0.19	...	...	2	0.7	1.41	0.61	1.17	1.41	1.85	Lahor (Utman Bolak)		
...	...	...	...	...	...	...	0.73	...	...	3	0.6	1.68	0.21	0.89	1.68	1.29	Nowshera		
...	...	...	...	...	...	0.05	0.21	...	...	3	0.7	1.64	0.35	1.10	1.64	1.35	Mardan		
...	...	...	...	...	...	...	...	...	...	1	0.4	0.15	0.33	0.15	0.15	1.45	Katlang		
...	...	...	...	...	...	...	0.19	...	...	3	0.5	1.36	0.26	0.88	1.36	1.10	Hashtnagar (Char-sadda.)		
...	...	...	...	...	...	...	0.28	...	...	2	0.7	1.43	0.31	1.15	1.43	1.15	Nabakki		
...	...	...	...	...	...	...	0.29	...	...	3	1.1	1.32	0.38	0.83	1.32	1.13	**Peshawar**		
...	...	...	...	...	...	...	0.10	...	...	3	?	0.90	?	0.50	0.90	?	Abazai *C*		
...	...	...	...	...	...	...	0.05	...	...	2	?	0.85	?	0.00	0.85	?	Khan Mahi *C*		
...	...	...		...	0.31	0.21	...	...	...	4	?	1.10	?	0.31	1.10	?	Para Chinar (Kurram)		
...	...	...	...	...	...	...	0.23	0.03	...	3	2.6	1.42	1.36	0.75	1.74	3.48	**Abbott-abad**	Hazara.	
...	...	...	...	...	...	...	0.76	0.05	...	3	1.9	1.78	2.19	0.76	1.81	4.25	Mansahra		
...	...	...	...	...	...	...	...	...	...	1	1.0	0.71	1.42	0.63	0.74	3.05	Haripur		
...	...	...	...	...	...	...	0.15	...	...	3	1.0	0.97	0.39	0.45	1.13	1.76	**Kohat**	Kohat.	
...	...	...	...	...	...	...	0.22	...	...	3	?	0.77	?	0.52	0.77	?	Hangu		
...	...	...	...	...	...	...	1.14	...	...	1	?	1.14	?	1.14	1.14	?	Thal		
...	...	...	...	...	...	...	...	...	...	3	?	0.59	?	0.31	0.59	?	Banda Daud Shah		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Khushalgarh		
...	...	...	...	...	...	...	...	...	...	2	0.2	0.70	0.12	0.52	0.70	0.61	Mianwali	Bannu.	
...	...	...	...	...	...	...	...	...	...	2	0.4	0.45	0.17	0.28	0.45	0.73	Isa Khel		
...	...	...	...	...	...	...	...	0.08	...	3	0.6	0.85	0.16	0.32	0.85	0.42	**Bannu**		
...	...	...	...	...	...	...	...	...	...	1	0	0.23	0	0.23	0.23	0.45	Marwat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, West—concluded.	Shahpur.	Midh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sahiwal ...	...	...	...	...	...	...	...	...	...	...	1·00	...	...	...	...	...	...	...	...	...	...
		Nurpur ...	...	...	...	...	...	...	...	...	...	...	0·55	0·37	...	...	...	...	...	...	...	...	...
		Mitha Tiwana ...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	...	...	...	...	...	...	...	...
		Sakesar ...	...	...	...	...	...	...	...	...	...	...	3·14	...	...	...	...	...	...	...	...	...	...
		Naushahra ...	...	...	...	...	...	...	...	...	...	0·52	0·60	...	...	...	...	...	...	...	...	...	...
		Khushab ...	...	...	...	...	...	...	...	...	...	...	0·25	1·50	...	...	...	...	...	...	...	...	...
		Shahpur ...	...	...	...	...	...	...	...	...	...	...	0·25	1·35	...	...	...	...	...	...	...	...	...
		Bhera ...	...	...	...	...	...	...	...	...	...	...	1·49	...	...	...	...	...	...	...	...	...	...
		Miani ...	...	...	...	...	...	...	...	...	...	...	1·24	...	...	...	...	...	...	...	...	...	...
	Jhang.	Shorkot ...	...	...	...	...	...	...	...	...	...	...	...	0·59	...	...	...	...	...	...	...	...	...
		Jhang ...	...	...	...	...	...	...	...	...	...	...	0.18	0·78	...	...	...	...	...	...	...	...	...
		Chiniot ...	...	...	...	...	...	...	...	...	...	...	0·10	1·11	...	...	...	...	...	...	...	...	...
		Badwali *C* ...	...	...	...	...	...	...	...	...	...	...	0·30	0·40	...	...	...	...	...	...	...	...	...
		Tarkhani *C* ...	...	...	...	...	...	...	...	...	...	...	...	0·95	...	...	...	...	...	...	...	...	...
		Muridwala *C* ...	...	...	...	...	...	...	...	...	...	...	1·00	...	...	...	...	...	...	...	...	...	...
		Khewra *C* ...	...	...	...	...	...	...	...	...	...	...	1·00	...	...	...	...	...	...	...	...	...	...
		Lalkani *C* ...	...	...	...	...	...	...	...	...	...	...	0·80	...	...	...	...	...	...	...	...	...	...
		Lyallpur *C* ...	...	...	...	...	...	...	...	...	...	...	0·90	...	...	...	...	...	...	...	...	...	...
	D. I. Khan.	Tank ...	...	...	...	...	...	...	...	0·05	...	...	0·19	...	...	...	...	...	...	...	...	...	...
		Kulachi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera Ismail Khan ...	...	...	...	...	...	...	...	0·04	0·02	...	0·11	0·06	...	...	...	...	...	...	...	...	...
		Bhakkar ...	...	...	...	...	...	...	...	...	...	...	0·21	0·08	...	...	...	...	...	...	...	...	...
		Leiah ...	...	...	...	...	...	...	...	...	...	...	0·10	0·10	...	...	...	...	...	...	...	...	...
		Shekh Budin ...	...	...	...	...	...	...	...	...	...	...	0·40	...	...	...	...	...	...	...	...	...	...
	D. G. Khan.	Sanghar ...	...	...	...	...	...	...	...	...	...	0·12	...	0·14	...	...	...	...	...	...	...	...	...
		Dera Ghazi Khan ...	...	...	...	...	...	...	...	...	...	0·35	0·10	R.	...	...	...	...	...	...	...	...	...
		Fort Munro ...	...	...	...	...	...	...	...	...	...	...	...	0·55	...	...	...	...	...	...	...	...	...
		Jampur ...	...	...	...	...	...	...	...	...	...	0·33	0·02	...	...	...	...	...	...	...	...	...	...
		Rajanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muzaffargarh.	Alipur ...	...	...	...	...	...	...	...	...	0·07	...	0·19	0·05	...	...	...	...	...	...	...	...	...
		Muzaffargarh ...	...	...	...	...	...	...	...	...	...	...	0·30	0·14	...	...	...	...	...	...	...	...	...
		Sinanwan ...	...	...	...	...	...	...	...	...	...	...	0·21	...	...	...	...	...	...	...	...	...	...
	Mooltan.	Mailsi ...	...	...	...	...	...	...	...	...	...	0·15	0·15	...	...	...	...	...	...	...	...	...	...
		Lodhran ...	...	...	...	...	...	...	...	...	0·03	...	0·15	...	...	...	...	...	...	...	...	...	...
		Shujabad ...	...	...	...	...	...	...	...	...	...	...	0·26	0·12	0·02	...	...	...	...	...	...	...	...
		Mooltan ...	...	...	...	...	...	...	...	...	...	...	0·10	0· 2	...	...	...	...	...	...	...	...	...
		Kabirwala ...	...	...	...	...	...	...	...	...	...	...	0·12	0·58	...	...	...	...	...	...	...	...	...

NOTE.—C denotes
R denotes

Punjab for the month of December 1897—concluded.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from October up to December.	Average rainfall from 1st October up to December.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	...	0·2	0	0·02	...	0·35	0·34	Midh	Shahpur.	Punjab, West—*concluded.*
...	...	...	...	...	...	...	...	...	...	1	0·2	1·00	0·08	1·00	1·00	0·64	Sahiwal		
...	...	...	...	...	...	...	...	...	...	2	...	0·92	...	0·55	0·92	0·22	Nurpur		
...	...	...	...	...	...	...	...	...	...	1	0·1	0·50	0·05	0·50	0·50	0·44	Mitha Tiwana		
...	...	...	...	...	...	...	...	...	...	1	0·1	3·14	0·02	3·14	3·14	0·16	Sakesar		
...	...	...	...	...	...	...	...	...	...	2	0·3	1·12	0·08	0·60	1·12	0·92	Naushahra		
...	...	...	...	...	...	...	...	...	...	2	0·2	1·75	0·18	1·50	1·75	0·64	Khushab		
...	...	...	...	...	...	...	...	...	...	2	0·5	1·60	0·18	1·35	1·70	0·79	**Shahpur**		
...	...	...	...	...	...	...	...	...	...	1	0·2	1·49	0·10	1·49	1·49	0·50	Bhera		
...	...	...	...	...	...	...	...	...	...	1	...	1·24	...	1·24	1·24	0·82	Miani		
...	...	...	...	...	...	...	...	...	...	1	0·1	0·59	0·07	0·59	0·59	0·20	Shorkot	Jhang.	
...	...	...	...	...	...	...	...	...	...	2	0·4	0·96	0·17	0·78	1·03	0·24	**Jhang**		
...	...	...	...	...	...	...	...	...	...	2	0·1	1·21	0·10	1·11	1·21	0·32	Chiniot		
...	...	...	...	...	...	...	...	...	...	2	?	0·70	?	0·40	0·70	?	Badwali *C*		
...	...	...	...	...	...	...	...	...	...	1	?	0·95	?	0·95	0·95	?	Tarkhani *C*		
...	...	...	...	...	...	...	...	...	...	1	?	1·00	?	1·00	1·00	?	Muridwala *C*		
...	...	...	...	...	...	...	...	...	...	1	?	1·00	?	1·00	1·00	?	Khewra *C*		
...	...	...	...	...	...	...	...	...	...	1	?	0·80	?	0·38	0·80	?	Lalkani *C*		
...	...	...	...	...	...	...	...	...	...	1	?	0·90	?	0·90	0.90	?	Lyallpur *C*		
...	...	...	...	...	...	...	...	0·04	...	1	0·1	0·28	0·10	0·19	0·28	0·13	Tank	D. I. Khan.	
...	...	...	...	...	...	...	...	...	...	0	0·1	0	0·19	0	0	0·29	Kulachi		
...	...	...	...	...	...	...	...	...	...	1	0·6	0·23	0·22	0·11	0·23	0·47	**Dera Ismail Khan**		
...	...	...	...	...	...	...	...	...	...	1	0·2	0·29	0·10	0·21	0·29	0·21	Bhakkar		
...	...	...	...	...	...	...	...	...	...	2	0·3	0·20	0·18	0·10	0·20	0·24	Leiah		
...	...	...	...	...	...	...	...	...	...	1	?	0·40	?	0·40	0·40	?	Shekh Budin		
...	...	...	...	...	...	...	...	...	...	2	0·2	0·26	0·16	0·14	0·26	0·20	Sanghar	D. G. Khan.	
...	...	...	...	...	...	...	...	...	...	2	0·2	0·45	0·18	0·35	0·45	0·37	**Dera Ghazi Khan**		
...	...	...	...	...	...	...	...	...	...	1	0·2	0·55	0·04	0·55	0·55	0·35	Fort Munro		
...	...	...	...	...	...	...	...	...	...	1	0·1	0·35	0·08	0·33	0·35	0·15	Jampur		
...	...	...	...	...	...	...	...	...	...	0	0·1	0	0·01	0	0	0·05	Rajanpur		
...	...	...	...	...	...	...	...	...	...	1	0·1	0·31	0·10	0·19	0·31	0·21	Alipur	Muzaffargarh.	
...	...	...	...	...	...	...	...	...	...	2	0·5	0·44	0·22	0·30	0·44	0·28	**Muzaffargarh**		
...	...	...	...	...	...	...	0·02	...	...	1	0·3	0·23	0·23	0·21	0·23	0·28	Sinanwan		
...	...	...	...	...	...	...	...	...	...	2	0·3	0·30	0·08	0·15	0·30	0·18	Mailsi	Mooltan.	
...	...	...	...	...	...	...	...	...	...	1	0·1	0·18	0·05	0·15	0·18	0·11	Lodhran		
...	...	...	...	...	...	...	...	...	...	2	0·2	0·40	0·09	0·26	0·40	0·18	Shujabad		
...	...	...	...	...	...	...	...	...	...	2	0·4	0·48	0·14	0·32	0·48	0·20	**Mooltan**		
...	...	...	...	...	...	...	...	...	...	2	0·2	0·70	0·07	0·58	0·70	0·09	Kabirwala		

nal raingauge stations.
ght rain.

P. D. SHROFF *Supdt.*,
Office of Director of Land Records and Agriculture, Punjab.

PRICES CURRENT OF FOOD-GRAINS, &c., IN THE DISTRICTS OF THE PUNJAB DURING THE WEEK ENDING 7TH JANUARY 1898.

1	2	3	4	5	6	7	8	9	10
		QUANTITIES PER RUPEE BY THE ORDINARY SER OF 80 TOLAS.							
DIVISION.	DISTRICTS.	Wheat.	Barley.	Rice (common).	Jowár or Cholum (Sorghum Vulgare).	Bájra or Cumbu (Pennisetum Typhoideum).	Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).	Maize (Zea Mays).	REMARKS
		Srs. Chs.	Srs. Chs.	Srs. Chs.	Srs. Chs.	Srs. Chs.	Srs. Chs.	Srs. Chs.	
DELHI.	Hissar	11 0	18 0	9 0	24 0	22 0	13 0	20 0	
	Rohtak	11 0	16 0	10 0	22 0	20 0	12 0	19 0	
	Gurgaon	11 8	18 0	8 0	20 0	20 8	12 0	15 0	
	Delhi	10 8	18 0	10 0	20 0	19 0	11 0	18 0	
	Karnál	12 0	19 0	10 0	21 0	18 0	12 0	20 0	
	Umballa	12 8	17 0	10 0	25 0	21 0	11 12	23 4	
	Simla	10 0	13 0	8 8	13 0	12 0	11 4	18 0	
JULLUNDUR.	Kángra	13 0	18 0	12 0	†	†	10 0	20 0	
	Hoshiárpur ...	12 8	16 0	11 0	18 0	16 0	13 0	20 0	
	Jullundur	14 0	19 0	9 0	21 0	16 0	13 0	21 0	
	Ludhiána	12 0	16 0	6 0	18 0	19 0	16 0	20 0	
	Ferozepore ...	12 4	16 12	6 12	18 12	18 8	12 0	19 8	
LAHORE.	Mooltan	10 12	16 0	11 0	15 0	15 8	10 8	16 0	
	Jhang	12 0	18 0	10 0	21 0	15 8	11 0	19 0	
	Montgomery ...	12 0	17 0	9 8	17 0	17 0	11 8	18 0	
	Lahore	12 0	17 0	7 10	18 4	16 2	11 13	18 4	
	Amritsar	12 0	17 0	8 8	18 0	16 0	11 0	19 0	
	Gurdáspur	13 0	16 0	9 0	16 0	11 0	11 0	19 0	
RAWALPINDI.	Siálkot	12 0	16 8	10 0	17 0	16 0	11 8	18 0	
	Gujrát	11 4	14 0	7 8	16 0	16 0	10 0	16 0	
	Gujránwála ...	12 10	18 0	9 4	17 0	16 0	11 14	17 12	
	Shahpur	12 8	18 0	7 0	16 0	16 8	12 8	16 0	
	Jhelum	14 0	17 0	8 0	16 0	16 0	12 0	17 0	
	Ráwalpindi ...	12 12	17 4	7 4	15 12	17 8	11 4	17 8	
PESHAWAR.	Hazára	12 2	18 0	8 6	§	12 0	9 4	16 12	
	Pesháwar	11 0	18 0	7 9	16 0	13 0	11 0	18 0	
	Kohát	12 7	14 4	8 0	§	16 10	10 3	16 5	
DERAJAT.	Bannu	14 15	26 14	9 11	22 8	19 6	14 1	24 11	
	Dera Ismail Khan ...	12 13	20 0	6 0	23 12	17 8	13 12	18 12	
	Dera Gházi Khan ...	10 10	14 6	10 0	18 12	17 3	10 15	§	
	Muzaffargarh ...	...	...	...	...	...	...	...	Statement received.

† Not produced.
§ Not procurable.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 1ST JANUARY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhoea.	Injuries	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	4	5	9	17	8	9	.	...	...	9	2	...	6	1	2	3	28	53	1
2		Hansi ...	15,190	5	3	8	8	5	3	...	...	...	2	2		4	1	1	2	27	27	2
3		Bhiwani ...	35,487	8	11	19	25	14	11	...	...	...	12	3	...	10	3	3	6	28	37	3
4		Sirsa ...	16,415	7	11	18	16	8	8	...	...	...	5	2	.	9	4	3	7	57	51	4
5	Rohtak ...	Rohtak ...	16,191	6	5	11	8	5	3	...		...	5	...	..	3	1	1	2	35	26	5
6		Jhajjar ...	11,881	5	3	8	12	7	5	..		...	8	1	...	3	2	2	4	35	53	6
7	Gurgaon ...	Rewari ...	27,934	4	6	10	11	7	4	...	...	...	6	1	...	4	1	...	1	19	21	7
8		Palwal ...	11,227	5	8	13	13	6	7	..	...	...	7	1	...	5	3	2	5	60	60	8
9	Delhi ...	Delhi ...	189,648	74	62	136	116	65	51	...	..	...	52	6	...	58	16	20	36	37	32	9
10		Sonepat ...	12,611	5	7	12	6	4	2	...	...	...	3	1	...	2	2	1	3	50	25	10
11	Karnal ...	Karnal ...	Returns not received.																			11
12		Kaithal ...																				12
13		Panipat ...																				13
14		Shahabad ...																				14
15	Umballa ...	Umballa ...	26,856	8	6	14	13	6	7	...		...	4	2	...	7	...	...	...	27	25	15
16		Jagadhri ...	13,029	7	7	14	11	6	5		...	...	8	1	...	2	2	...	2	56	44	16
17		Sadhaura ...	10,445	2	4	6	5	1	4	...		...	5	...	...	...	...	...	...	30	25	17
18	Hoshiarpur	Hoshiarpur ...	17,546	9	3	12	5	3	2	...	...	...	...	3	...	2	1	1	2	36	15	18
19		Tanda and Urmar	11,632	6	6	12	6	3	3	...	...	2	3	...	...	1	1	...	1	54	27	19
20	Jullundur ...	Jullundur ...	50,375	24	20	44	39	26	13	...	...	...	19	4	...	16	4	4	8	46	40	20
21		Rahon ...	10,667	8	3	11	2	..	2	...	...	...	2	...	...	...	...	...	...	54	10	21
22		Kartarpur ...	10,441	2	6	8	2	1	1	...	..	...	1	...	...	1	...	1	1	40	10	22
23	Ludhiana ...	Ludhiana ...	46,024	13	19	32	36	21	15	..	..	...	16	5	...	15	5	3	8	36	41	23
24		Jagraon ...	18,116	4	4	8	4	3	1	...		...	3	...	...	1	...	...	...	23	12	24
25	Ferozepore ..	Ferozepore ...	25,337	5	7	12	13	6	7	...	.	...	5	2	...	6	4	2	6	25	27	25
26	Mooltan ...	Mooltan ...	64,265	29	27	56	58	31	27	...	.	...	28	5	...	25	9	8	17	45	47	26
27	Jhang ...	Maghiana ...	13,866	6	4	10	8	6	2	...	...	...	4	...	...	4	2	1	3	38	30	27
28		Chiniot	13,475	8	9	17	12	6	6	...	...	...	4	1	...	7	3	4	7	66	46	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	45	65	110	97	56	41	...	...	...	49	9	...	39	10	10	20	36	32	29
30		Kasur ...	20,290	8	7	15	9	4	5	...	...	...	5	1	1	2	2	2	4	39	23	30
31		Chunian ...	10,339	5	3	8	7	6	1	...	...	...	3	...	...	4	3	...	3	40	35	31
32	Amritsar ...	Amritsar ...	135,401	52	45	97	104	51	53	...	...	...	44	5	3	52	14	13	27	37	40	32
33	Gurdaspur ...	Batala ...	27,223	11	9	20	14	10	4	...	...	3	6	1	...	4	1	...	1	38	27	33
34	Sialkot ...	Sialkot ...	33,965	23	12	35	26	11	15	...	...	2	9	...	...	15	2	5	7	54	40	34
35	Gujrat ...	Gujrat ...	17,671	4	9	13	9	5	4	...	...	...	7	...	...	2	2	3	5	38	27	35
36		Jalalpur ...	11,065	2	2	4	4	3	1	...	...	...	1	...	...	3	2	...	2	19	19	36
37	Gujranwala...	Gujranwala ...	25,892	11	7	18	16	6	10	...	...	...	8	...	...	8	1	3	4	36	32	37
38		Wazirabad ...	15,786	7	13	20	25	11	14	...	...	...	19	1	...	5	3	4	7	69	83	38
39	Shahpur ...	Bhera ...	17,428	5	5	10	13	7	6	...	...	...	7	...	...	6	1	3	4	30	39	39
40	Jhelum ...	Pind Dadan Khan	15,055	8	3	11	23	9	14	...	...	...	17	4	1	1	1	1	2	38	80	40
41	Rawalpindi ...	Rawalpindi ...	38,334	10	5	15	42	21	21	...	...	...	20	...	1	21	2	9	11	20	57	41
42	Peshawar ...	Peshawar ...	63,079	18	21	39	41	27	14	...	...	...	19	...	...	22	6	1	7	32	34	42
43	Kohat ...	Kohat ...	14,347	1	2	3	9	5	4	...	...	...	3	...	...	6	...	...	...	11	33	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	12	7	19	57	28	29	...	...	...	29	10	...	18	5	12	17	46	137	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	3	5	8	32	15	17	...	...	...	26	2	...	4	2	4	6	17	70	45
	Grand Total ...		1,336,457	479	466	945	974	523	451	...	...	7	483	75	6	403	122	129	251	37	38	
	Hill Sanitaria.																					
	Simla ...	...	13,279	3	...	3	2	1	1	...	...	...	1	...	1	...	...	...	...	12	8	
	Dharmsala ...	...	2,778	1	...	1	3	...	3	...	...	...	...	1	...	2	...	1	1	19	56	
	Dalhousie ...	...	807	1	...	1	1	1	...	...	...	...	...	...	...	1	...	...	...	65	65	
	Murree ...	...	1,459	...	2	2	1	...	1	...	...	...	1	...	...	...	...	...	...	71	36	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 18th January 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 1ST JANUARY 1898.

Births and Deaths in Municipal Towns.—In the 41 large Municipal towns 945 births were registered (479 males and 466 females), giving a birth-rate of 37 per *mille* of population; 974 deaths were registered (523 males and 451 females), giving a death-rate of 38 per *mille* of population. In the following towns the death-rates were excessively high:—Dera Ismail Khan 137, Wazirabad 83.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 18th January 1898.

MORTUARY RETURN FOR

Deaths registered from different causes in each district of

No.	Districts.	Population according to Census of 1891.	Births.	Deaths.	Birth-rate per *mille* per annum.	Death-rate per *mille* per annum.	Cholera. Males.	Cholera. Females.	Cholera. Total.	Small-pox. Children under one year. Males.	Small-pox. Children under one year. Females.	Small-pox. One to under 12 years. Males.	Small-pox. One to under 12 years. Females.	Small-pox. Twelve and over 12 years. Males.	Small-pox. Twelve and over 12 years. Females.	Total of Small-pox.	F[illegible]rs. Males.	F[illegible]rs. Females.	F[illegible]rs. Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Hissar ...	775,808	2,409	4,770	38	75	...	...	...	...	...	4	1	1	1	7	2,035	2,056	4,091
2	Rohtak ...	590,446	2,993	2,915	62	60	...	...	...	...	...	...	...	...	...	...	1,136	1,041	2,177
3	Gurgaon ...	668,863	3,181	3,688	58	67	..	...	...	1	...	2	1	...	...	4	1,407	1,337	2,744
4	Delhi ...	635,224	2,620	2,863	50	55	...	...	...	...	1	3	1	...	...	5	853	950	1,803
5	Karnál ...	683,652	3,163	4,440	56	79	...	...	...	5	4	7	7	1	2	26	1,597	1,709	3,306
6	Umballa ...	982,291	2,539	3,513	31	44	...	...	...	1	1	1	2	...	...	5	1,076	1,253	2,329
7	Simla ...	35,246	46	54	16	19	...	...	...	...	...	...	...	...	...	...	10	19	29
8	Kángra ...	759,458	2,019	1,603	32	26	...	...	...	...	...	...	...	..	...	...	530	563	1,093
9	Hoshiárpur ...	1,011,644	3,627	2,487	44	30	...	...	...	4	4	2	3	3	4	20	680	824	1,504
10	Jullundur ...	891,347	3,473	2,716	47	37	...	...	...	7	1	3	6	...	...	17	738	826	1,564
11	Ludhiána ...	648,655	2,513	3,077	47	58	...	...	...	1	...	1	...	...	1	3	982	1,143	2,125
12	Ferozepore ...	861,499	3,177	4,048	45	57	...	...	...	1	1	11	7	2	3	25	1,457	1,543	3,000
13	Mooltan ...	620,859	2,596	4,825	51	95	...	...	...	...	...	3	2	...	...	5	1,926	2,085	4,011
14	Jhang ...	436,821	2,320	3,988	65	111	...	...	...	...	..	...	...	...	...	...	1,601	1,731	3,332
15	Montgomery	499,449	1,725	1,908	42	46	...	...	...	3	3	11	13	1	...	31	561	569	1,130
16	Lahore ...	1,055,619	4,320	3,953	50	46	...	...	...	1	4	16	9	...	2	32	1,345	1,345	2,690
17	Amritsar ...	990,990	4,369	3,331	54	41	...	...	...	3	4	3	5	...	2	17	944	1,023	1,967
18	Gurdáspur ...	940,785	3,711	2,633	48	34	...	...	...	2	2	7	5	1	4	21	752	796	1,548
19	Siálkot ...	1,098,712	4,607	3,056	51	34	...	...	...	6	6	15	4	1	1	33	949	1,004	1,953
20	Gujrát ...	760,823	1,978	2,173	32	35	...	...	...	...	1	2	...	...	...	3	900	784	1,684
21	Gujránwála ...	690,061	3,737	3,445	66	61	...	...	...	2	1	...	...	...	...	3	1,348	1,395	2,743
22	Shahpur ...	493,535	1,708	3,442	42	85	...	...	...	...	...	...	1	...	...	1	1,464	1,560	3,024
23	Jhelum ...	605,774	1,794	3,656	36	73	...	...	...	...	2	2	...	...	1	5	1,495	1,656	3,151
24	Ráwalpindi ...	845,259	2,530	4,543	36	65	...	...	...	9	6	4	8	...	2	29	1,781	2,009	3,790
25	Hazára ...	476,125	1,231	895	31	23	...	...	...	5	1	7	9	4	6	32	327	321	648
26	Pesháwar ...	679,183	2,015	2,537	36	45	..	...	...	1	...	8	8	...	...	17	1,198	1,124	2,322
27	Kohát ...	182,487	58	1,160	39	77	...	...	...	3	9	7	1	1	5	26	488	495	983
28	Bannu ...	369,972	1,469	2911	48	96	...	...	...	...	...	...	...	...	...	...	1,310	1,351	2,661
29	D. I. Khan ...	482,463	1,635	6,164	41	155	...	...	...	...	...	3	...	...	...	3	2,617	2,933	5,550
30	D. G. Khan ...	399,860	1,361	3,600	41	110	...	...	...	...	1	2	2	1	2	8	1,671	1,740	3,411
31	Muzaffargarh	381,072	1,320	4,294	42	137	...	...	...	...	...	1	...	3	1	5	1,874	2,145	4,019
	TOTAL ...	20,553,982	76,768	98,688	45	58	...	...	...	55	52	125	9[illegible]	19	37	383	37,052	39,330	76,382
	Total in previous month...	...	86,205	87,934	49	50	41	50	91	41	49	04	88	11	20	303	31,783	33,408	65,191
	Total in same month of past year ...	...	81,044	51,084	48	20	14	19	33	326	288	512	510	61	56	1,753	16,107	15,798	31,905

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 15th January 1898.

THE MONTH OF NOVEMBER 1897.

the Punjab during the month of November 1897.

OF DEATH.																						
Dysentery and Diarrhœa.			INJURIES. *Suicide.*			*Wounding.*			*Accidents.*			*Snake-bite and killed by wild beasts.*			*All other causes.*			TOTAL DEATHS FROM ALL CAUSES.			DISTRICTS.	No.
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.		
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	1
108	81	189	...	...	...	...	...	...	1	1	2	3	...	3	232	246	478	2,384	2,386	4,770	Hissar.	1
50	43	93	...	...	...	...	..	...	3	5	8	..	...	...	318	319	637	1,507	1,408	2,915	Rohtak.	2
104	99	203	1	4	5	2	...	[illegible]	4	2	6	2	1	3	405	316	721	1,928	1,760	3,688	Gurgaon.	3
6.	58	118	1	[illegible]	3	...	...	...	6	1	7	1	...	1	50	423	926	1,427	1,436	2,863	Delhi.	4
5.	39	91	2	...	2	...	...	...	8	12	20	3	1	4	497	494	991	2,172	2,268	4,440	Karnál.	5
80	62	142	2	...	2	...	...	...	3	3	6	1	...	1	555	47.	1,028	1,719	1,794	3,513	Umballa.	6
3	[illegible]	6	...	...	..	...	...	...	...	1	1	...	...	...	0	[illegible]	1.	22	32	54	Simla.	7
28	21	49	...	...	...	..	...	...	7	4	11	2	1	3	22.	22.	44.	792	811	1,603	Kángra.	8
4.	4.	91	4	...	4	...	...	...	6	3	9	1	...	1	46.	.80	8.8	1,216	1,271	2,487	Hoshiárpur.	9
31	21	5.	...	1	1	...	...	...	1	..	1	1	...	1	5 7	573	1,080	1,288	1,428	2,716	Jullundur.	10
61	36	97	1	...	.	...	...	...	3	5	8	1	1	2	441	400	84.	1,49.	1,58.	3,077	Ludhiána.	11
69	49	118	...	1	1	.	...	2	7	1	8	...	1	1	4.5	428	89	2,014	2,034	4,048	Ferozepore.	12
51	29	80	...	1	1	...	1	1	2	4	6	2	...	2	364	355	719	2,348	2,477	4,8.5	Mooltan.	13
11	15	26	...	...	...	1	...	1	6	1	7	...	3	3	301	318	619	1,920	2,068	3,988	Jhang.	14
15	11	26	...	...		...	...	...	1	1	2	...	...	...	357	362	719	949	959	1,908	Montgomery.	15
51	36	87	1	...	1	2	...	2	11	5	16	4	2	6	542	577	1,119	1,973	1,080	3,953	Lahore.	16
51	36	87	1	1	2	1	...	[illegible]		2	10	1	...	1	609	637	1,246	1,621	1,710	3,331	Amritsar.	17
56	48	104	[illegible]	...	1	...	...	...	5	5	10	2	1	3	49.	45.	946	1,322	1,31.	2,633	Gurdáspur.	18
48	31	79	...	...	...	...	...	...	2	1	3	...	...	...	497	491	988	1,518	1,538	3,056	Siálkot.	19
20	14	.4	1	...	1	1	...	1	3	5	8	...	...	...	220	213	44.	1,15.	1,017	2,173	Gujrát.	20
9	9	18	...	...	...	...	...	...	5	2	7	7	...	7	329	338	66	1,700	1,745	3,445	Gujránwála.	21
16	22	3.	...	...	...	...	...	...	1	3	4	1	...	1	20.	172	374	1,684	1,758	3,442	Shahpur.	22
18	18	36	...	...	...	4	[illegible]	5	9	...	9	[illegible]	...	3	23.	.11	447	1,767	1,889	3,656	Jhelum.	23
1.	7	2.	...	...	...	2	...	[illegible]	7	7	14	2	...	2	370	311	681	2,193	2,350	4,543	Ráwalpindi.	24
1	...	1	...	...	...	3	...	3	12	...	12	...	...	...	114	85	199	473	42	895	Hazára.	25
14	5	19	...	...	...	3	...	3	2	...	2	...	...	...	97	77	174	1,32.	1,214	2,537	Peshawar.	26
5	1	6	...	...	...	...	1	1	1	...	1	2	...	2	72	69	141	579	58.	1,160	Kohát.	27
1.	7	19	1	...		4	..	4	2	1	3	...	..	...	11.	111	22.	1,441	1,470	2,911	Bannu.	28
41	61	102	...	...	...	1	...	1	3	1	4	...	..	...	25.	249	504	2,920	3,24	6,164	D. I. Khan.	29
28	21	4.	...	.	1	1	...	[illegible]	5	2	7	...	...	...	59	6.	123	1,767	1,83.	3,600	D. G. Khan.	30
5.	44	96	...	..	...	1	[illegible]	2	4	1	5	...	1	1	77	89	166	2,012	2,282	4,294	Muzaffargarh	31
1,210	971	2,181	16	11	27	28	4	32	138	79	217	39	12	51	9,944	9,471	19,415	48,626	50,062	98,688	TOTAL.	
1,409	1,105	2,514	1	12	31	35	7	42	146	118	264	85	23	108	9,932	9,458	19,390	43,596	44,338	87,934	Total in previous month.	
828	618	1,446	12	10	22	29	10	39	134	104	238	24	9	33	8,008	7,607	15,615	26,055	25,029	51,084	Total in same month of past year.	

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGN.-LT.-COL.,

Sanitary Commissioner, Punjab.

Remarks by the Sanitary Commissioner, Punjab.

Seventy-six thousand seven hundred and sixty-eight births were registered in the Province during the month of November 1897, giving a birth-rate of 45 per *mille* of population. Of the total number of births, 40,277 were boys and 36,491 were girls.

The total number of deaths registered from all causes in the Province during the month of November 1897 was 98,688 against 87,934 in the previous month and 51,084 in the corresponding month of the past year, giving an annual death-rate of 58, 50 and 30 per *mille* of population per annum respectively.

There was not a single death registered under the head of cholera.

From small-pox 383 deaths were registered against 303 in the previous month and 1,753 in the corresponding month of the past year; fevers 76,382 against 65,191 and 31,905; dysentery and diarrhœa 2,181 against 2,514 and 1,446.

During the month there were 27 deaths registered from suicide against 31 in the past month; wounding 32 against 42; accidents 217 against 264; snake-bite and killed by wild beasts 51 against 108; and from all other causes 19,415 against 19,390 and 15,615 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE, LAHORE:
The 15th January 1898.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGN.-LT.-COL.,
Sanitary Commissioner, Punjab.

Statement showing the number of Births registered according to classes in the several districts of the Punjab during the month of November 1897.

No.	Districts.	Christians.			Hindus.			Muhammadans.			Other Classes.			Total.			Birth-rate per *mille* per annum.	No.
		Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
1	Hissar ...	...	...	...	945	949	1,894	271	244	515	...	...	...	1,216	1,193	2,409	30	1
2	Rohtak ...	...	...	...	1,344	1,311	2,655	168	170	338	...	...	...	1,512	1,481	2,993	62	2
3	Gurgaon ...	...	1	1	1,132	1,050	2,182	556	442	998	...	...	...	1,688	1,493	3,181	58	3
4	Delhi ...	...	1	1	1,095	954	2,049	299	264	563	4	3	7	1,398	1,222	2,620	50	4
5	Karnál ...	...	...	...	1,259	1,113	2,37[illegible]	421	370	791	...	...	...	1,680	1,483	3,163	56	5
6	Umballa ...	...	...	...	918	880	1,798	380	361	741	...	...	...	1,298	1,241	2,539	31	6
7	Simla ...	1	...	1	21	15	36	5	4	9	...	...	...	27	19	46	16	7
8	Kángra ...	...	...	...	986	931	1,917	55	47	102	...	...	...	1,041	978	2,019	32	8
9	Hoshiárpur ...	1	...	1	1,311	1,150	2,461	587	578	1,165	...	...	...	1,899	1,728	3,627	44	9
10	Jullundur ..	...	...	...	977	922	1,899	800	774	1,574	...	...	...	1,777	1,696	3,473	47	10
11	Ludhiána ...	...	...	...	892	783	1,675	439	399	838	...	...	...	1,331	1,182	2,513	47	11
12	Ferozepore ...	...	...	...	852	820	1,672	780	725	1,505	...	...	...	1,632	1,545	3,177	45	12
13	Mooltan ...	...	...	...	269	242	511	1,128	957	2,085	...	...	...	1,397	1,199	2,596	51	13
14	Jhang ...	...	...	...	295	286	581	888	849	1,737	2	...	2	1,185	1,135	2,320	65	14
15	Montgomery ...	...	...	...	252	182	434	695	593	1,288	2	1	3	949	776	1,725	42	15
16	Lahore ...	...	6	6	684	645	1,329	1,511	1,474	2,985	...	...	...	2,195	2,125	4,320	50	16
17	Amritsar ...	4	2	6	1,288	1,091	2,379	1,022	962	1,984	...	...	...	2,314	2,055	4,369	54	17
18	Gurdáspur ...	7	4	11	1,040	908	1,948	892	860	1,752	...	...	...	1,939	1,772	3,711	48	18
19	Siálkot ...	12	14	26	765	705	1,470	1,606	1,486	3,092	9	10	19	2,392	2,215	4,607	51	19
20	Gujrát ...	...	1	1	188	162	350	855	771	1,626	1	...	1	1,044	934	1,978	32	20
21	Gujránwála ...	4	5	9	521	440	961	1,405	1,362	2,767	...	...	...	1,930	1,807	3,737	66	21
22	Shahpur ...	...	...	...	141	159	300	743	665	1,408	...	...	...	884	824	1,708	42	22
23	Jhelum ...	...	...	...	126	127	253	815	726	1,541	...	...	...	941	853	1,794	36	23
24	Ráwalpindi ...	...	...	...	177	150	327	1,178	1,022	2,200	...	3	3	1,355	1,175	2,530	36	24
25	Hazára ...	...	...	...	30	32	6[illegible]	603	566	1,169	...	...	...	633	598	1,231	31	25
26	Pesháwar ...	...	...	...	34	21	55	1,142	813	1,955	2	3	5	1,178	837	2,015	30	26
27	Kohát ...	...	...	...	2	1	3	326	253	579	...	...	...	328	254	582	39	27
28	Bannu ...	...	...	...	99	90	189	664	616	1,280	...	...	...	763	706	1,469	48	28
29	Dera Ismail Khan	...	...	...	106	110	216	775	644	1,419	...	...	...	881	754	1,635	41	29
30	Dera Gházi Khan	...	...	...	89	88	177	659	520	1,179	4	1	5	752	609	1,361	41	30
31	Muzaffargarh ...	...	...	...	70	73	143	648	529	1,177	...	...	...	718	602	1,325	42	31
	TOTAL ...	29	34	63	17,908	16,390	34,298	22,316	20,046	42,362	24	21	45	40,277	36,491	76,768	45	

SANITARY COMMISSIONER'S OFFICE, LAHORE:
The 15th January 1898.

W. A. CRAWFORD ROE, F. R. C. S., BRIGADE-SURGEON-LT.-COL.,
Sanitary Commissioner, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for the last 13 days of December 1897, on 160·47 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period	29,978	28.745 15 0	1,54,453 20	22,962 8 0	169 0 0	51,877 7 0	13,410	7,024	20,434
Or per mile of Railway	...	179 2 2	...	143 1 7	1 0 10	323 4 7	...	...	...
For previous 24$\frac{3}{7}$ weeks of half-year	* 412,149	5,06,675 13 0	† 16,53,035 0	† 3,16,291 5 0	‡ 8,422 0 0	8,31,389 2 0	189,388	99,191	288,579
Total for 26$\frac{3}{7}$ weeks ...	442,127	5,35,421 12 0	18,07,488 20	3,39,253 13 0	8,591 0 0	8,83,266 9 0	202,798	106,215	309,013
COMPARISON.									
Total for corresponding 12 days of previous year ...	27,023	26,514 5 1	1,12,412 0	16,294 2 6	135 5 6	42,943 13 1	11,704¼	5,762½	17,467¼
Per mile of Railway corresponding period of previous year.	...	165 3 8	...	101 8 8	0 13 6	267 9 10	...	...	...
Total for corresponding 26$\frac{3}{7}$ weeks of previous year ...	443,131½	4,03,460 0 9	15,98,880 30	2,40,832 1 3	9,363 3 5	6,53,655 5 5	177,048¾	87,795½	264,844¼

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 4th January 1898.

* Added No. of passengers 628 and Rs. 6,283 on account of difference between the approximate and audited figures for the weeks ended 20th and 27th November 1897.
" " 11,296 on account of troop extra and special trains and conveyance of employés of the Government Telegraph Department.

† Deducted Mds. 5,752 and " 660 on account of difference between the approximate and audited figures for the weeks ended 20th and 27th November 1897.
" " 3,42,938 and " 8,650 on account of Revenue coal and stores for the half-year.

‡ " " 92 on account of difference between the approximate and audited figures for the weeks ended 20th and 27th November 1897.
Added " 2,363 not having been included in previous returns.

T. BASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore—20-1-98 690.

No. 4 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JANUARY 27, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 25th JANUARY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	0·30 at Sadr. 0·40 in Sirsa.	1. Sufficient. 2. Good.	Wheat 11 seers. Gram 12 seers. Bájra 22 seers.	Bulrush millet exported to Bombay.	Canal crops in good condition. Dry-land crops are suffering from want of rain, which is urgently needed.
2	Delhi ...	...	1. Sufficient. 2. Good.	Wheat 10½ seers. Gram 11 seers. Bájra 19 seers.	...	Prospects average. Rain wanted immediately.
3	Umballa ...	0·05 at Sadr.	1. Sufficient. 2. Good.	Wheat 11½ to 12 seers. Gram 11¼ to 11¾ seers. Maize 20½ seers.	...	Rain urgently wanted. Crops are suffering.
4	[illegible]ndur ...	Slight rainfall throughout.	1. Sufficient. 2. Good.	Wheat 12¼ seers. Gram 12½ seers. Maize 19½ seers.	...	Condition of crops improved by recent rain. Stock of food-grain sufficient.
5	Ferozepore ...	...	1. Sufficient. 2. Good.	Wheat 11 seers. Gram 11 seers. Barley 15 seers. Jowár 18 seers. Maize 19 seers.	...	Crops suffering from want of rain.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	1. Sufficient.	High. Wheat 11 seers.	...	Crops in good condition.
7	Lahore ...	0·07 at Sadr.	1. Sufficient. 2. Good.	Wheat 12 to 13 seers. Maize 17 to 19½ seers.	Sugarcane is being cut.	Irrigation of standing crops in progress. Irrigated crops good, and those on land dependent on rain average.
8	Amritsar ...	0·20 Average.	1. Scarce in Ajnala Tahsíl. 2. Good.	Wheat 13¼ seers. Maize 18½ seers.	Sugarcane pressing going on.	Crops in good condition. Rain wanted for dry land crops. Food stock sufficient.
9	Siálkot ...	...	1. Scarce. 2. Poor.	Wheat 11¾ to 12¼ seers. Rice 9 to 10½ seers.	Pressing of sugarcane continues.	Crops in good condition. Rain wanted.
10	Shahpur ...	0·05 at Sadr.	1. Sufficient.	Wheat 12½ to 14 seers. Bájra 17 to 19 seers.	...	Crops good. Locusts appeared in Tahsíls Bhera and Khusháb. Rain needed.
11	Ráwalpindi ...	0·80 at Sadr.	1. Sufficient.	Wheat 12¼ seers. Maize 18 seers. Bájra 16 seers.	...	Prospects good. Locusts appeared in Fatehjang Tahsíl, but no damage done. Food stock sufficient.
12	Pesháwar ...	...	1. Sufficient. 2. Good.	Wheat 11½ seers. Maize 19⅝ seers.	Sugarcane being pressed. Outturn average.	Stock of food-grain sufficient.
13	D. I. Khan ...	...	1. Scarce in parts. 2. Poor in parts.	Wheat 12½ seers. Bájra 17½ seers.	...	Condition of crops average. Rain wanted.

GENERAL REMARKS.

Rainfall.—Rain averaging from ⅛ to ¾ of an inch has fallen in Hissar, Amritsar and Ráwalpindi. Slight falls are also reported from Umbálla, Jullundur, Lahore and Shahpur.

Prices.—Prices are generally unchanged; they are rising in Jullundur, Ferozepore, Siálkot and Ráwalpindi and falling in Pesháwar.

Wheat is selling from 10½ to 14, gram 11 to 12½, barley 15, bulrush millet 16 to 22, maize 17 to 20½, great-millet 18 and rice 9 to 10½ seers per rupee.

Agricultural operations.—Sugarcane is still being pressed in some districts. Irrigation of spring crops going on.

Crops and outturn.—Condition and prospects of irrigated spring crops are generally reported good, but are average in Pesháwar. Crops on dry land are suffering for want of rain, which is urgently needed. The condition of crops has been improved by recent rain in Jullundur.

Damage done to crops.—Locusts appeared in parts of Shahpur and Ráwalpindi, but did no damage.

Agricultural stock.—Cattle are said to be in poor condition in Siálkot and parts of Dera Ismail Khan.

Pasturage.—Fodder scarce in Siálkot parts of Amritsar and Dera Ismail Khan, and sufficient elsewhere.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for the first 8 days of January 1898, on 160·47 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other Earnings (estimated).	Total Earnings.	Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period	17,341	14,674 6 0	93,896 20	12,012 2 0	94 0 0	26,780 8 0	7,921	3,701	11,623
Or per mile of Railway	...	91 7 2	...	74 13 8	0 9 4	166 14 2	...	...	...
Total for $1\frac{1}{7}$ weeks ...	17,341	14,674 6 0	93,896 20	12,012 2 0	94 0 0	26,780 8 0	7,921	3,701	11,622
COMPARISON.									
Total for corresponding 9 days of previous year ...	19,285	15,310 11 7	85,055 20	11,666 12 0	94 8 0	27,071 15 7	8,600	3,974	12,574
Per mile of Railway corresponding period of previous year.	...	95 6 7	...	72 11 3	0 9 5	168 11 3	...	...	...
Total for corresponding $1\frac{2}{7}$ weeks of previous year ...	19,285	15,310 11 7	85,055 20	11,666 12 0	94 8 0	27,071 15 7	8,600	3,974	12,574

EAST INDIA RAILWAY,
AUDIT OFFICE:
The 12th January 1898.

T. BASHFORD,
Acting Chief Auditor.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

1	2			3			4			5		
	QUANTITIES PER RUPEE BY THE											
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 15th January 1898.	Past fortnight ending 31st December 1897.	Corresponding fortnight of 1897.	Present fortnight ending 15th January 1898.	Past fortnight ending 31st December 1897.	Corresponding fortnight of 1897.	Present fortnight ending 15th January 1898.	Past fortnight ending 31st December 1897.	Corresponding fortnight of 1897.	Present fortnight ending 15th January 1898.	Past fortnight ending 31st December 1897.	Corresponding fortnight of 1897.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.
Hissar ...	12 8	12 0	9 0	20 0	17 0	9 8	...	...	...	9 4	9 0	8 0
Rohtak ...	11 0	10 0	8 8	16 0	17 0	8 0	...	...	...	10 0	11 0	8 12
Gurgaon ...	11 8	11 8	8 8	19 0	18 0	9 8	...	...	...	8 0	8 0	6 12
Delhi ...	10 8	10 8	8 6	18 0	18 0	10 0	...	...	...	10 8	10 0	8 0
Karnál ...	12 0	12 0	8 0	19 0	19 0	9 0	...	...	...	10 0	8 0	7 8
Umballa ...	12 8	12 10	9 0	17 0	17 8	9 0	...	...	...	10 0	10 0	9 0
Simla ...	10 0	9 4	7 0	12 0	13 0	§	..	...	...	8 8	8 0	7 0
Kángra ...	13 0	13 0	9 0	18 0	18 0	12 0	...	...	...	12 0	12 0	9 8
Hoshiárpur ...	12 4	12 12	8 12	15 8	16 8	10 0	...	...	...	11 0	10 0	8 0
Jullundur ...	13 0	13 0	9 4	18 0	15 0	9 0	...	...	...	8 0	10 0	7 0
Ludhiána ...	12 0	12 8	8 8	17 0	17 0	10 0	...	...	...	6 0	6 0	8 0
Ferozepore ...	11 0	11 12	9 0	18 12	14 12	10 12	...	...	...	6 12	6 12	6 12
Mooltan ...	11 0	10 4	8 12	16 0	15 0	11 3	...	...	...	11 0	10 8	8 8
Jhang ...	12 0	11 4	8 6	18 0	18 0	12 0	...	...	...	10 0	9 0	8 0
Montgomery...	11 12	11 12	8 12	17 0	15 8	§	...	...	...	9 8	9 8	8 0
Lahore ...	12 6	12 0	9 8	13 15	16 12	10 0	...	...	...	8 4	8 13	7 9
Amritsar ...	12 0	12 0	8 12	16 0	16 0	10 0	...	...	...	8 8	8 8	7 12
Gurdáspur ...	13 8	13 0	9 0	18 0	16 0	10 0	...	...	...	10 0	9 0	8 0
Siálkot ...	12 0	12 0	8 8	16 8	17 0	11 0	...	...	...	10 8	10 0	7 8
Gujrát ...	11 12	11 4	8 0	15 0	15 0	9 8	...	...	...	8 0	7 8	7 8
Gujránwála ...	12 5	12 0	8 12	17 12	17 12	10 8	...	...	...	9 4	9 4	8 8
Shahpur ...	13 0	12 0	8 4	20 0	17 0	10 0	...	...	...	8 0	7 0	6 0
Jhelum ...	13 0	14 0	9 0	17 0	18 0	11 0	...	...	...	8 0	8 0	8 0
Ráwalpindi ...	12 8	11 12	8 0	18 12	16 12	10 4	...	...	...	7 4	7 4	6 4
Hazára ...	12 6	11 4	8 12	18 8	18 0	12 0	...	...	...	8 6	7 14	7 8
Peshâwar ...	11 0	11 0	8 6	18 0	16 0	12 0	...	...	...	7 9	[illegible] 9	7 4
Kohát ...	12 2	12 2	9 2	16 8	16 10	14 10	...	...	...	9 9	8 3	8 13
Bannu ...	14 11	14 9	10 4	28 7	25 5	14 0	...	...	...	9 11	9 1	8 7
D. I. Khan ...	12 8	12 8	9 1	20 0	15 0	10 0	...	...	...	6 4	6 0	5 14
D. G. Khan ...	10 15	10 10	8 15	16 4	14 6	9 6	...	...	...	10 0	10 0	7 3
Muzaffargarh	11 12	11 8	9 10	17 0	14 0	10 8	...	...	...	10 0	10 0	9 0

† Not pro

§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JANUARY 1898

6			7			1
ORDINARY SEER OF 80 TOLAS.						
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*			
Present fortnight ending 15th January 1898.	Past fortnight ending 31st December 1897.	Corresponding fortnight of 1897.	Present fortnight ending 15th January 1898.	Past fortnight ending 31st December 1897.	Corresponding fortnight of 1897.	DISTRICTS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
24 0	24 0	11 0	22 0	21 0	10 0	Hissar.
22 0	22 0	9 12	20 0	20 0	9 4	Rohtak.
20 0	20 0	10 12	20 8	20 8	9 8	Gurgaon.
19 0	20 0	9 8	19 8	19 0	9 8	Delhi.
21 0	21 0	9 8	19 0	18 0	8 8	Karnál.
26 0	24 0	11 0	19 8	17 0	9 0	Umballa.
14 0	13 0	§	15 0	13 0	8 0	Simla.
†	†	§	†	†	§	Kángra.
18 8	18 8	10 0	16 0	15 0	8 0	Hoshiárpur.
20 0	17 0	§	17 0	16 0	8 0	Jullundur.
19 0	19 0	10 0	19 0	18 0	9 0	Ludhiána.
19 8	19 4	10 12	18 12	17 4	10 0	Ferozepore.
15 8	15 0	11 0	15 8	15 0	9 12	Mooltan.
22 0	20 0	11 0	16 8	15 4	§	Jhang.
17 0	17 0	11 4	17 0	16 4	9 4	Montgomery.
18 4	17 12	10 8	15 0	16 4	10 0	Lahore.
18 0	16 0	10 0	16 0	15 0	8 12	Amritsar.
16 0	16 0	11 0	11 0	11 0	11 0	Gurdáspur.
17 0	17 0	10 8	16 0	16 0	9 8	Siálkot.
17 0	14 0	10 0	17 0	15 0	9 8	Gujrát.
17 0	18 0	11 0	16 0	16 0	10 0	Gujránwála.
16 0	16 0	10 0	17 0	16 8	9 8	Shahpur.
16 0	16 0	11 0	16 0	15 0	9 12	Jhelum.
18 12	15 12	12 12	16 12	15 12	9 0	Ráwalpindi.
†	§	§	12 0	12 0	§	Hazára.
16 0	16 0	14 0	14 0	12 0	9 4	Pesháwar.
§	§	§	17 3	16 3	11 0	Kohát.
22 8	20 0	15 0	20 10	20 5	11 8	Bannu.
23 12	23 2	12 8	17 0	16 14	10 0	D. I. Khan.
20 0	16 6	11 14	17 8	16 14	10 10	D. G. Khan.
15 0	14 0	11 0	14 0	14 0	10 0	Muzaffargarh.

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REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 12 seers 2 chatáks as compared with 11 seers 15 chatáks in last fortnight and 8 seers 13 chataks in corresponding period of 1897. The chief variations in each Division are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Karnál ...	8 0	12 0	12 0
Kángra ...	9 0	13 0	13 0
Gurdáspur ...	9 0	13 0	13 8
Shahpur ...	8 4	12 0	13 0
Hazára ...	8 12	11 4	12 6
Bannu ...	10 4	14 9	14 11

Barley.—Prices average 17 seers 13 chatáks as compared with 16 seers 14 chatáks in last fortnight and 10 seers 8 chatáks in corresponing period of 1897. The chief variations in each Division are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Hissar ...	9 8	17 0	20 0
Jullundur ...	9 0	15 0	18 0
Gurdáspur ...	10 0	16 0	18 0
Shahpur ...	10 0	17 0	20 0
Hazára ...	12 0	18 0	18 8
Bannu ...	14 0	25 5	28 7

Rice.—Prices average 9 seers as compared with 8 seers 13 chatáks in last fortnight and 7 seers 12 chatáks in corresponding period of 1897. The chief variations in each Division are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Karnál ...	7 8	8 0	10 0
Hoshiárpur ...	8 0	10 0	11 0
Mooltan ...	8 8	10 8	11 0
Siálkot ...	7 8	10 0	10 8
Hazára ...	7 8	7 14	8 6
D. G. Khan ...	7 3	10 0	10 0

Jowár.—Prices average 19 seers 1 chaták as compared with 18 seers 4 chatáks in last fortnight and 14 seers 14 chatáks in corresponding period of 1897. The chief variations in each Division are—

	Same fortnight in 1897. Srs C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Umballa ...	11 0	24 0	26 0
Ludhiána ...	10 0	19 0	19 0
Jhang ...	11 0	20 0	22 0
Gujrát ...	10 0	14 0	17 0
Peshávar ...	14 0	16 0	16 0
D. I. Khan ...	12 8	23 2	23 12

Bájra.—Prices average 17 seers as compared with 16 seers 5 chatáks in last fortnight and 9 seers 10 chatáks in corresponding period of 1897. The chief variations in each Division are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Hissar ...	10 0	21 0	22 0
Ludhiána ...	9 0	18 0	19 0
Montgomery ...	9 4	16 4	17 0
Shahpur ...	9 8	16 8	17 0
Kohát ...	11 0	16 3	17 3
Bannu ...	11 8	20 5	20 10

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

QUANTITIES PER RUPEE BY

1	8			9			10			11		
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 15th January 1898.	Past fortnight ending 31st December 1897.	Corresponding fortnight of 1897.	Present fortnight ending 15th January 1898.	Past fortnight ending 31st December 1897.	Corresponding fortnight of 1897.	Present fortnight ending 15th January 1898.	Past fortnight ending 31st December 1897.	Corresponding fortnight of 1897.	Present fortnight ending 15th January 1898.	Past fortnight ending 31st December 1897.	Corresponding fortnight of 1897.
	S s. C.	Srs. C.	Srs C	Srs. C	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar ...	†	†	†	†	†	†	13 0	14 0	11 0	22 0	20 0	†
Rohtak ...	†	†	†	10 0	10 0	10 0	11 0	12 0	10 0	19 0	18 0	11 0
Gurgaon ...	†	†	†	†	†	†	11 8	12 0	10 0	15 0	15 0	10 8
Delhi ...	†	†	†	13 0	13 0	10 0	10 8	10 8	9 8	18 0	19 0	10 0
Karnál ...	22 0	23 0	8 0	8 0	8 0	8 0	12 0	10 0	9 0	20 0	20 0	9 8
Umballa ...	24 8	22 0	§	15 0	17 0	8 0	11 12	11 4	9 8	22 4	21 8	10 10
Simla ...	13 8	13 0	§	8 0	8 0	8 0	9 13	9 4	9 8	17 0	17 0	10 0
Kángra ...	§	§	12 0	‡	‡	§	10 0	10 0	9 8	20 0	20 0	11 0
Hoshiárpur ...	14 0	14 0	10 0	12 0	12 0	8 0	12 8	13 0	10 8	20 0	20 4	11 0
Jullundur ...	§	§	§	16 0	12 0	13 0	13 0	12 0	11 0	20 0	21 0	11 12
Ludhiána ...	†	†	†	14 0	14 0	10 0	11 8	12 0	9 12	20 0	21 4	10 8
Ferozepore ...	†	†	†	13 12	13 12	7 12	11 12	11 8	11 4	19 8	19 8	10 12
Mooltan ...	†	†	†	12 0	12 0	9 4	10 4	10 8	9 0	17 0	15 0	10 0
Jhang ...	8 0	18 0	14 0	20 0	20 0	13 0	12 0	10 8	9 12	20 0	19 0	11 8
Montgomery ...	§	§	§	†	†	†	11 4	11 8	9 12	18 0	18 0	10 8
Lahore ...	§	§	§	19 0	16 4	9 14	12 0	11 5	10 12	17 0	16 10	10 8
Amritsar ...	†	†	†	14 0	14 0	9 4	11 0	11 0	9 12	18 0	18 0	10 0
Gurdáspur ...	§	†	16 0	12 0	12 0	11 0	12 0	11 0	10 0	19 0	19 0	11 0
Siálkot ...	§	§	§	§	§	§	11 0	12 4	10 0	18 0	17 8	10 0
Gujrát ...	†	†	†	7 0	7 0	6 0	11 0	10 0	9 4	18 0	16 0	10 0
Gujránwála ...	†	†	†	12 0	12 0	10 0	11 14	11 2	9 15	17 12	17 12	10 0
Shahpur ...	16 0	16 0	12 0	16 0	16 0	12 0	13 0	12 0	9 8	16 0	16 0	9 0
Jhelum ...	‡	‡	‡	‡	‡	‡	12 0	12 0	11 0	17 0	17 0	11 0
Ráwalpindi ...	‡	‡	‡	11 12	11 12	9 12	11 4	11 12	10 4	17 12	17 0	10 4
Hazára ...	†	†	†	§	§	§	9 12	8 12	9 0	17 8	15 12	14 4
Pesháwar ...	†	†	†	14 0	13 0	11 0	11 0	10 0	8 11	18 0	17 0	11 0
Kohát ...	†	†	†	§	†	†	10 3	11 0	8 11	17 3	15 12	11 12
Bannu ...	13 2	13 2	8 12	7 4	7 4	8 0	14 1	14 2	11 0	25 15	24 14	14 0
D. I. Khan ...	§	§	§	4 0	4 0	4 0	13 12	13 12	10 15	20 0	14 12	11 4
D. G. Khan ...	§	§	§	§	§	§	10 15	11 4	10 0	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	11 0	10 8	9 0	§	§	§

† Not pro

‡ Not sold.

§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JANUARY 1898—continued.

THE ORDINARY SEER OF 80 TOLAS.

12			13			1
Arhur or Thur, Cadjan Pea (Cajanus indicus).			*Firewood.*			
Present fortnight ending 15th January 1898.	Past fortnight ending 31st December 1897.	Corresponding fortnight of 1897.	Present fortnight ending 15th January 1898.	Past fortnight ending 31st December 1897.	Corresponding fortnight of 1897.	DISTRICTS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	
†	†	†	100 0	100	100	Hissar.
10 0	10 0	10 0	100 0	100	120	Rohtak.
11 0	11 0	11 0	160 0	160	120	Gurgaon.
10 8	10 0	10 8	90 0	90	90	Delhi.
8 0	9 0	9 0	160 0	160	160	Karnál.
§	§	§	145 0	145	140	Umballa.
7 0	6 8	6 8	80 0	70	80	Simla.
10 0	10 0	8 0	100 0	100	100	Kángra.
8 0	8 0	10 0	110 0	110	130	Hoshiárpur.
†	†	§	100 0	100	100	Jullundur.
6 8	6 8	8 0	100 0	100	110	Ludhiána.
6 12	6 12	6 4	100 0	100	120	Ferozepore.
†	†	†	100 0	110	90	Mooltan.
8 0	8 0	8 0	130 0	100	160	Jhang.
‡	‡	6 0	260 0	240	310	Montgomery.
6 14	6 14	6 14	95 0	86	92	Lahore.
§	§	†	85 0	90	110	Amritsar.
§	§	§	100 0	100	120	Gurdáspur.
§	§	§	120 0	120	120	Siálkot.
†	†	†	110 0	110	110	Gujrát.
11 0	11 0	†	115 0	95	95	Gujránwála.
†	†	†	160 0	160	160	Shahpur.
‡	‡	‡	120 0	120	160	Jhelum.
‡	‡	‡	60 0	58	86	Ráwalpindi.
†	†	†	81 0	81	100	Hazára.
15 0	14	15 0	49 0	39	80	Peshawar.
†	†	†	63 12	64	102	Kohát.
4 10	4 10	7 8	60 0	60	74	Bannu.
5 0	5 0	6 4	125 0	125	125	D. I. Khan.
§	§	§	100 0	100	100	D. G. Khan.
‡	‡	§	140 0	140	140	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Gram.—Prices average 11 seers 10 chatáks as compared with 11 seers 7 chatáks in last fortnight and 9 seers 15 chatáks in corresponding period of 1897. The chief variations in each Division are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs. C.	Srs. C.	Srs. C.
Kárnál ...	9 0	10 0	12 0
Jullundur ...	11 0	12 0	13 0
Jhang ...	9 12	10 8	12 0
Shahpur ...	9 8	12 0	13 0
Peshāwar ...	8 11	10 0	11 0
Bannu ...	11 0	14 2	14 1

Maize.—Prices average 18 seers 14 chatáks as compared with 18 seers 4 chatáks in last fortnight and 10 seers 12 chatáks in corresponding period of 1897. The chief variations in each Division are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs. C.	Srs. C.	Srs. C.
Umballa ...	10 10	21 8	22 4
Hoshiárpur ...	11 0	20 4	20 0
Jhang ...	11 8	19 0	20 0
Siálkot ...	10 0	17 8	18 0
Peshāwar ...	11 0	17 0	18 0
Bannu ...	14 0	24 14	25 15

uced.

rable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt.					
	Present fortnight ending 15th January 1898.		Past fortnight ending 31st December 1897.		Corresponding fortnight of 1897	
DISTRICTS.	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 4	11 0	11 4	11 0	11 0	11 0
Rohtak	11 0	11 0	12 0	12 0	12 0	12 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 4	12 0	12 0	11 0
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 12
Simla	9 0	8 8	9 0	8 8	10 0	9 0
Kángra	*	11 0	*	11 0	*	10 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	12 8	13 0	13 0	12 8	13 0	13 0
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 4
Mooltan	12 4	12 4	12 8	12 8	13 0	12 8
Jhang	12 8	12 0	12 4	12 0	12 8	12 4
Montgomery	12 12	12 8	12 12	12 8	12 8	12 0
Lahore	13 6	12 12	13 5	12 13	13 2	12 13
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 8
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	13 12	13 8	13 12	13 8	13 8	13 0
Shahpur	13 8	13 0	13 8	13 0	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	13 12	14 0	13 12	13 12	13 8
Hazára	*	11 8	*	11 0	*	11 8
Peshâwar	17 0	16 0	15 0	14 0	19 0	18 0
Kohát	17 9	15 2	17 9	15 2	24 0	21 0
Bannu	22 8	20 0	22 8	19 6	23 0	22 0
D. I. Khan	16 0	15 0	16 0	15 0	19 0	18 0
D. G. Khan	12 8	11 4	12 8	11 4	16 10	15 10
Muzaffargarh	*	12 0	*	12 0	*	12 0

* No whole
† Not pro
‡ Not sold,
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JANUARY 1898—concluded.

15			16			1	
THE ORDINARY SEER OF 80 TOLAS.							
Gur.			*Cotton (unginned).*				
Present fortnight ending 15th January 1898.	Past fortnight ending 31st December 1897.	Corresponding fortnight of 1897.	Present fortnight ending 15th January 1898.	Past fortnight ending 31st December 1897.	Corresponding fortnight of 1897.	DISTRICTS	REMARKS ON CURRENT VARIATIONS.
Srs C	Srs. C.	Srs. C.	Srs. C.	Srs. C	Srs. C.		
12 0	12 0	11 8	7 0	8 0	8 0	Hissar.	
14 0	14 0	14 0	10 0	10 0	9 0	Rohtak.	
12 0	12 0	12 0	9 0	9 0	9 0	Gurgaon.	
10 0	10 0	11 0	9 8	9 0	8 0	Delhi.	
14 0	12 0	13 0	11 0	11 0	10 0	Karnál.	
11 0	9 12	11 8	11 0	11 0	10 0	Umballa.	
6 0	6 0	8 0	†	†	†	Simla.	
8 8	9 0	10 0	6 0	6 0	6 0	Kángra.	
9 8	9 8	11 0	10 0	10 0	8 0	Hoshiárpur.	
10 0	11 0	11 0	11 0	11 0	9 0	Jullundur.	
8 0	8 8	9 0	7 8	7 8	7 8	Ludhiána.	
9 4	9 12	9 12	9 12	9 12	8 12	Ferozepore.	
8 0	7 8	8 8	8 8	8 0	8 8	Mooltan	
10 0	9 0	11 0	11 8	10 8	10 0	Jhang.	
10 0	9 0	10 4	9 0	10 0	10 0	Montgomery.	
9 8	9 8	9 8	9 4	9 4	8 14	Lahore.	
10 0	10 0	11 0	9 12	9 12	8 12	Amritsar.	
11 0	11 8	13 0	10 0	9 0	8 0	Gurdáspur.	
10 0	10 8	12 0	8 8	8 8	8 8	Siálkot.	
9 8	9 0	10 0	8 0	8 0	8 0	Gujrát.	
9 2	9 8	10 12	9 8	9 8	9 0	Gujránwála.	
9 0	9 0	10 0	9 0	9 0	9 8	Shahpur.	
9 8	9 8	11 0	‡	9 0	8 0	Jhelum.	
8 12	8 12	10 4	8 12	8 12	8 12	Ráwalpindi.	
7 8	6 12	8 0	§	§	§	Hazára.	
7 12	[illegible] 14	8 10	8 6	8 12	9 8	Pesháwar.	
7 12	[illegible] 6	9 14	12 6	12 6	10 13	Kohát.	
13 7	10 15	14 0	8 12	8 2	10 0	Bannu.	
9 6	8 12	11 4	11 4	11 4	11 4	D. I. Khan.	
7 8	6 9	7 8	8 12	8 12	8 7	D. G. Khan.	
8 4	8 0	9 0	8 0	8 0	8 0	Muzaffargarh.	

sale salt sold.
duced.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUA

1	2	3	4	5	6	7	8	9	10	11	
	WHOLESALE PRICE PER MAUND OF 8										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs A. P.	Rs. A. P.	Rs
Delhi	2 8 0	3 10 2	3 10 2	2 1 8	2 0 0	2 0 0	2 1 8	3 10 2	4 11 3	4 7 1	4
Ferozepore ...	1 12 0	8 8 0	3 7 0	2 0 0	2 0 0	2 1 0	1 15 6	3 5 0	5 11 0	4 10 0	5
Mooltan	1 13 0	3 12 9	3 8 10	2 5 7	2 6 9	2 8 0	2 3 6	3 12 9	...	5 0 0	4
Lahore	2 8 0	3 14 5	3 3 2	2 5 0	2 1 3	2 8 0	2 3 6	3 4 3	5 9 9	4 1 8	3
Amritsar	2 9 3	4 9 2	3 1 3	...	2 1 8	...	2 1 8	3 7 8	...	...	3
Ráwalpindi ...	3 0 0	5 11 11	3 2 3	2 1 8	2 1 8	2 5 6	2 3 6	3 8 0	6 0 7	3 13 0	4

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JANUARY 1898

OR 40 SEERS OF 80 TOLAS EACH.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
Poppy seed.	Til (Jinjili seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A.
20 0 0	5 0 0	3 11 6	11 0 6	32 0 0	4 1 8	8 0 0	12 4 11	...	0 9 2	1 0 0	0 8 0	125	60 0
5 11 0	5 0 0	3 12 0	11 12 0	31 0 0	3 14 0	5 0 0	11 8 0	30 0 0	0 6 0	0 8 0	0 5 0	75	50 0
6 10 6	5 0 0	4 11 0	12 5 0	32 0 0	3 12 9	10 0 0	13 5 4	...	0 5 4	0 10 8	0 6 5	70	50 0
5 8 0	4 11 3	4 1 8	12 8 9	32 13 6	3 9 0	5 11 5	11 6 10	31 0 0	1 0 0	0 10 0	...	105	100 0
...	4 11 4	3 12 11	12 4 11	...	3 6 6	...	...	...	...	0 8 0	...	...	...
5 8 0	5 0 0	4 7 1	14 8 0	29 1 6	3 6 0	4 0 0	10 0 0	29 0 0	0 8 0	0 10 3	0 10 8	60	55 0

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

PUBLIC WORKS DEPARTMENT,

Irrigation Operations of Fasl Rabi

Canals.	Water distributed during December 1897. Depth in Canal at regulating gauge. Full supply.	Actual throughout December 1897.	Gross consumption, cubic feet per second. Estimated full supply.	Actual average throughout.
1	2	3	4	5
MAJOR IRRIGATION WORKS.				
SWAT RIVER CANAL	6·1	4·6	755	491
Total ...	...	...	755	491
WESTERN JUMNA CANAL. At Dádupur	6·5	4·0	4,380	2,420
Main Line Major Distributaries	...	...	...	110
Sirsa Branch	...	...	...	627
Delhi Branch	...	...	...	612
Hánsi Branch	...	...	...	714
Absorption and escapage between Dádupur and Indri...	...	...	...	247
Ditto Indri and Munak ...	...	...	...	110
Total ...	...	...	4,380	2,420
BARI DOAB CANAL. Head gauge, Rapid No. 2	4·01	2·54	4,146	2,076
Salampur Feeder	4·0	...	1,445	...
1st Division	...	...	5,591	927
2nd „ Main Branch Lower	4·60	1·73		248
3rd „ „ „ „		1·34		576
2nd „ Lahore Branch	3·35	0·96		296
Passed through escapes	...	...	...	29
Total ...	...	...	5,591	2,076
SIRHIND CANAL. Main Line	9·26	8·76	6,000	5,181
Abohar Branch	5·96	5·74	2,052	1,753
Bhatinda Branch	5·97	5·49	1,788	1,427
Feeders	8·97	8·22	2,160	1,966
British Escapes	...	...	...	35
Total ...	...	...	6,000	5,181
Carried Forward ...	...	...	...	...

PUNJAB, IRRIGATION BRANCH.

of 1897 *up to* 31*st December* 1897.

LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				REMARKS.
Zillah.	Acres.	Number of years on which average is struck	Average.	During month.	Name.	Area irrigated *during* December 1897.	Area irrigated *to end of* December 1897	Area irrigated *to end of* December 1896.	
6	7	8	9	10	11	12	13	14	15
					Wheat ...	17,585	49,207	47,479	The canal ran for 12 days only.
					Barley ...	5,5[illegible]0	15,710	10,640	
Peshâwar ...	80,726	11	0·60	1·17	Rape ...	[illegible],00	3,200	2,203	
					Miscellaneous	3,134	12,609	9,307	
...	80,726	...	...	...	...	27,015	80,726	69,585	
Umballa ...	1,648	19	0·46	0·05	Wheat ...	63,440	142,312	132,738	Demand keen. Decrease due to abnormally large area under rain crops. Supply insufficient.
Kalsia ...	1,123	...	...	...	Barley ...	4,747	8,571	14,001	
Karnál ...	7[illegible],520		0·21	...	Mixed grain...	6,80[illegible]	30,535	34,681	
Rohtak ...	66,28[illegible]	19	0·42	...	Sarson ...	1,206	1,775	4,27[illegible]	
Delhi ...	25,460		0·35	...	Gram ...	6,395	17,407	30,372	
Hissar ...	59,092		0·19	...	Senji ...	13	15	187	
Bikaner ...	539	...	...	...	Miscellaneous	8,667	61,869	89,166	
Patiála ...	16,946	5	0·37	...					
Jínd ...	17,868	19	0·27	...					
...	262,484	...	...	...	...	91,328	(a) 262,484	305,479	
					Wheat ...	75,877	221,325	188,305	The canal ran throughout the month. The river supply was low. The area irrigated to end of month is the highest on record.
					Barley ...	3,980	8,077	5,508	
Gurdáspur ...	21,432		0·99	0·52	Mixed grain...	11,951	36,424	21,339	
Amritsar ...	163,593	18	0·57	0·37	Sarson ...	2,809	5,165	5,414	
Lahore ...	238,433		0·4[illegible]	0·93	Gram ...	12,421	50,238	47,888	
					Senji ...	16,493	52,435	48,218	
					Miscellaneous	— 19,920	43,794	32,944	
...	423,458	...	...	...	...	103,611	423,458	349,610	
Ludhiána ...	42,22[illegible]		0·57	...	Wheat ...	86,525	156,01[illegible]	158,850	Canal ran throughout the month. Area irrigated good. If rain holds off a large area of rain-sown crops will take canal water.
Ferozepore ...	318,12[illegible]		0·3[illegible]	0·02	Barley ...	15,603	22,073	17,403	
Hissar ...	1,52[illegible]		...	...	Mixed grain...	28,204	40,894	39,980	
Farídkot State	53,009	14	...	...	Sarson ...	10,786	16,087	31,119	
Patiála " ...	192,59[illegible]				Gram ...	76,469	119,237	117,849	
Nábha " ...	4,1071				Senji ...	1,470	5,457	11,533	
Jínd " ...	18,557		0·42	0·06	Miscellaneous	56,070	310,702	397,852	
Kalsia " ...	2,17[illegible]								
...	670,470	...	...	...	...	275,133	(b)* 670,47[illegible]	774,592	
...	1,437,138	...	...	...	...	497,087	1,437,138	1,499,272	

(a) Excludes 5,924 acres of kharif area which received irrigation during rabi 1897-98.
(b) Excludes 34,302 acres of kharif irrigation.

* Includes the following areas irrigated by the Native States Branches, Sirhind Canal, *viz.*—

	During December 1897.	To end of December 1897.	To end of December 1896.
Patiála State	103,912 acres.	138,408 acres.	173,274 acres.
Nábha "	8,216 "	14,020 "	12,604 "
Jínd "	5,185 "	17,007 "	19,161 "
Total ...	117,323 "	169,435 ,	205,039 "

Irrigation Operations of Fasl Rab

Canals.	Water distributed during December 1897. — Depth in Canal at regulating gauge. — Full supply.	Actual throughout.	Gross consumption, cubic feet pe second. — Estimated full supply.	Actual average throughout.
1	2	3	4	5
Brought forward ...	...	...	...	...
MAJOR IRRIGATION WORKS—concluded.				
Chenab Canal. — Main Line	9·60	8·21	8,313	4.774
Chenab Canal. — Kot Nikka Branch	5·00	...	270	148
Chenab Canal. — Mián Ali Branch	6·15	7·30	805	784
Chenab Canal. — Rakh Branch	5·90	5·40	1,054	1,066
Chenab Canal. — Jhang Branch, Upper	9·00	6·55	1,074	827
Chenab Canal. — Jhang Branch, Lower	7·00	3·00	1,160	433
Chenab Canal. — Bhawána Branch	6·00	5·5	434	302
Chenab Canal. — Gugera Branch (for construction only)	...	...	...	251
Chenab Canal. — Major Distributaries of Main Line	...	...	...	197
Chenab Canal. — Loss in Main Line	...	...	...	766
Chenab Canal. — *Escapage*	...	...	...	*–147*
Total ...	...	...	...	4,628
Lower Sohág and Pára Canal	10	...	3,380	...
Total ...	...	...	3,380	...
Sidhnai Canal	7·0	...	1,450	...
Total ...	...	...	1,450	...
Abstract—Major Irrigation Works—				
Swat River Canal	...	...	...	...
Western Jumna Canal	...	...	...	...
Bári Doáb Canal	...	...	...	...
Sirhind Canal	...	...	...	...
Chenab Canal	...	...	...	...
Lower Sohág and Pára Canal	...	...	...	...
Sidhnai Canal	...	...	...	...
Total Major Irrigation Works	...	...	...	...

of 1897 *up to* 31*st December* 1897.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* December 1897.	Area irrigated *to end of* December 1897.	Area irrigated *to end of* December 1896.	Remarks.
6	7	8	9	10	11	12	13	14	15
...	1,437,138	...	...	...	...	497,087	1,437,138	1,499,272	
					Wheat ...	175,642	333,549	213,584	Canal ran throughout the month.
					Barley ...	8,690	15,812	7,231	
Gujránwála ...	149,564	...	...	1·2	Mixed grain...	...	...	105	
Jhang ...	293,826	...	...	1·4	Rape ...	9,691	49,253	35,991	
					Gram ...	971	4,650	3,203	
					Senji ...	2,718	4,974	1,967	
					Miscellaneous	11,099	35,152	23,935	
...	443,390	...	...	...	...	208,811	†443,390	286,016	
					Wheat ...				
					Barley ...				
					Mixed grain...				
Montgomery	47,418	4	0·16	0·22	Sarson ...	...	47,418	27,840	
					Gram ...				
					Senji ...				
					Miscellaneous				
...	47,418	...	...	...	...	...	47,418	27,840	
					Wheat ...	15,756	19,161	5,092	
					Barley ...	287	314	83	
					Mixed grain	625	826	825	
Mooltan ...	88,688	35	0·24	0·70	Sarson ...	158	175	9	
					Gram ...	1,422	1,588	175	
					Senji ...	27	33	2	
					Miscellaneous	1,995	2,365	2,894	
					Rowni ...	— 20,020	64,226	8,953	
...	88,688	...	...	...	...	250	88,688	18,033	
...	80,725	...	...	...	...	27,015	80,726	69,585	
...	262,484	...	...	...	...	91,328	262,484	305,479	
...	423,458	...	...	...	...	103,611	423,458	349,616	
...	670,470	...	...	...	...	275,133	670,470	774,592	
...	443,390	...	...	...	...	208,811	443,390	286,016	
...	47,418	...	...	...	...	...	47,418	27,840	
...	88,688	...	...	...	...	250	88,688	18,033	
...	2,016,634	...	...	...	...	706,148	2,016,634	1,831,161	

† Of this, 113,934 acres are free of charge.

Irrigation Operations of Fasl Rabi

CANALS.	WATER DISTRIBUTED DURING DECEMBER 1897.			
	Depth in Canal at regulating gauge.		*Gross consumption, cubic feet per second.*	
	Full supply.	Actual throughout.	Estimated full supply.	Actual average throughout.
1	2	3	4	5
Total Major Irrigation Works brought forward ...	...	...	...	...
MINOR IRRIGATION WORKS.				
UPPER SUTLEJ CANALS. — Katora Canal	10·00	...	1,430	...
UPPER SUTLEJ CANALS. — Khánwah "	10·00	...	4,530	...
UPPER SUTLEJ CANALS. — Upper Sohág "	10·00	...	2,510	...
Total ...	...	...	8,470	...
SHAHPUR CANALS (IMPERIAL). — Eastern Station Canal	...	...	...	...
SHAHPUR CANALS (IMPERIAL). — Western " "	...	...	...	...
SHAHPUR CANALS (IMPERIAL). — Sáhiwál Canal	...	...	...	...
Total ...	...	...	...	...
LOWER SUTLEJ AND CHENAB CANALS	...	...	...	...
INDUS CANALS	...	...	...	...
MUZAFFARGARH CANALS	...	...	...	...
GHAGGAR CANALS. — Dhanour Weir upstream	8·00	...	8	...
GHAGGAR CANALS. — Discharge site below Weir	15·00	...	15	...
GHAGGAR CANALS. — Northern Canal Head	7·00	...	7	...
GHAGGAR CANALS. — Southern Canal Head	6·50	...	6·5	...
GHAGGAR CANALS. — Kassaban Minor Head	4·20	...	4·2	...
GHAGGAR CANALS. — Abholi Minor Head	3·50	...	3·5	...
GHAGGAR CANALS. — Mangala Minor Head	...	...	...	...
Bikaner Border.				
GHAGGAR CANALS. — Northern Canal	6·00	...	6·00	...
GHAGGAR CANALS. — Southern Canal	5·00	...	5·00	...
Total ..	...	...	...	...
ABSTRACT—MINOR IRRIGATION WORKS—				
Upper Sutlej Canals	...	...	...	...
Shahpur Canals (Imperial)	...	...	...	...
Lower Sutlej and Chenab Canals ...	...	...	...	...
Indus Canals	...	...	...	...
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals	...	...	...	...
Total ...	...	...	...	...
SHAHPUR CANALS (PROVINCIAL). — Raniwah West Canal	...	...	...	...
SHAHPUR CANALS (PROVINCIAL). — " East "	...	...	...	...
SHAHPUR CANALS (PROVINCIAL). — Corbynwah Canal	...	...	...	...
Total ...	...	...	...	...
Total Major Irrigation Works	...	...	...	...
Total Minor Irrigation Works	...	...	...	...
TOTAL MAJOR & MINOR IRRIGATION WORKS ...	...	...	...	...
Shahpur Canals (Provincial)	...	...	...	...
GRAND TOTAL	...	...	...	...

LAHORE:

The 20th January 1898.

of 1897 *up to* 31*st December* 1897—concluded.

LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				
Zillah.	Acres.	Number of years on which average is struck.	Average	During month.	Name.	Area irrigated *during* December 1897.	Area irrigated *to end of* December 1897.	Area irrigated *to end of* December 1896.	REMARKS.
6	7	8	9	10	11	12	13	14	15
...	2,016,634	...	...	...	...	706,148	2,016,634	1,831,161	
Lahore ... Montgomery	19,062 51,246	4 ...	0·20 ...	0·64 ...	Wheat ... Barley ... Mixed grain ... Sarson ... Gram ... Senji ... Miscellaneous	1,742	70,308	49,011	
...	70,308	...	...	...	...	1,742	70,308	49,011	
Shahpur ...	22,02	8	0·37	1·60	...	...	22,023	20,899	Canals closed.
...	22,023	...	...	...	...	...	22,023	20,899	
Mooltan ... D. G. Khan ... Muzaffargarh	295,035 49,994 172,330	35 17 5	0·27 0·25 0·23	0·48 0·4 0·44	... ...	... ...	295,035 49,994 172,330	234,335 43,726 173,030	
Hissar ... Bikaner ...	8,737 3,850	... ...	... ...	... ...	Wheat ... Barley & gram Sarson ... Miscellaneous	2,541 266 97 —1,463	2,703 324 312 9,248	... ...	Channels dry.
...	12,587	...	...	...	...	1,441	12,587	...	
... ...	70,308 22,023 295,035 49,994 172,330 12,587	... ...	... ...	... ...	... ...	1,742 1,441	70,308 22,023 295,035 49,994 172,330 12,587	49,011 20,899 234,335 43,726 173,030 ...	
...	622,277	...	...	...	...	3,183	622,277	521,001	
Shahpur ...	11,811	8	0·5	1·40	...	...	11,811	8,612	Canals closed.
...	11,811	...	...	...	...	...	11,811	8,612	
... ...	2,016,634 622,277	... ...	... ...	... ...	... ...	706,148 3,183	2,016,634 622,277	1,831,161 521,001	
...	2,638,911	...	...	...	...	709,331	2,638,911	2,352,162	
...	11,811	...	...	...	...	...	11,811	8,612	
...	2,650,722	...	...	...	...	709,331	2,650,722	2,360,774	

L. M. JACOB,
Under-Secretary to Government, Punjab,
P. W. D., Irrigation Branch.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 8TH JANUARY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhoea.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	1	5	6	7	1	6		...	...	4	...	...	3	...	...	...	19	22	1
2		Hansi ...	15,190	7	7	14	8	6	2	...	...	...	3	1	...	4	1	1	2	48	27	2
3		Bhiwani ...	35,487	12	3	15	34	20	14	...	...	...	14	3	...	17	4	3	7	22	50	3
4		Sirsa ...	16,415	6	5	11	12	6	6	...	...	...	7	3	...	2	...	...	...	35	38	4
5	Rohtak ...	Rohtak ...	16,19[illegible]	3	5	8	10	6	4	...		...	7	1	.	2	1	1	2	26	32	5
6		Jhajjar ...	11,881	3	5	8	8	4	4	..	..	...	1	1	.	6	1	2	3	35	35	6
7	Gurgaon ...	Rewari ...	27,934	6	2	8	7	6	1	...	...	...	4	2	...	1	...	...	...	15	13	7
8		Palwal ...	11,227	7	5	12	11	5	6	..	...	...	9	...	...	2	...	...	...	56	51	8
9	Delhi ...	Delhi ...	189,64[illegible]	54	120	174	127	66	61	...	...	1	69	8	..	49	13	12	25	48	35	9
10		Sonepat ...	12,61[illegible]	4	3	7	6	4	2	...	...	...	2	1	...	3	1	1	2	29	25	10
11	Karnal ...	Karnal ...	21,530	7	2	9	10	5	5	...	...	...	2	2	...	6	..	1	1	22	24	11
12		Kaithal ...	15,768	8	5	13	10	5	5	...	...	...	5	...	...	5	2	1	3	43	33	12
13		Panipat ...	27,547	10	16	26	15	2	13	...	...	...	4	2	...	9	...	6	6	49	28	13
14		Shahabad ...	11,473	1	3	4	4	3	1	...	...	...	2	...	...	2	2	...	2	18	18	14
15	Umballa ...	Umballa ...	26,856	8	6	14	10	5	5	...	...	...	3	2	.	5	1	...	1	27	19	15
16		Jagadhri ...	13,029	3	4	7	4	4	...	..	...	...	3	...	...	1	...	...	...	28	16	16
17		Sadhaura ...	10,445	2	4	6	3	...	3	...	..	...	2	1	..	...	...	...	...	30	15	17
18	Hoshiarpur	Hoshiarpur ...	Returns not received.																			18
19		Tanda and Urmar																				19
20	Jullundur ...	Jullundur ...	50,375	13	16	29	30	16	14	...	...	...	16	4	...	10	2	2	4	30	31	20
21		Rahon ...	10,667	3	2	5	3	2	1	...	...	...	2	...	...	1	1	...	1	24	15	21
22		Kartarpur ...	10,441	3	3	6	5	5	...	...	..	...	4	...	...	1	1	...	1	30	25	22
23	Ludhiana ...	Ludhiana ...	46,024	9	18	27	45	21	24	..	...	...	17	9	...	19	1	3	4	31	51	23
24		Jagraon ...	18,116	9	4	13	6	3	3	...		...	3	...	...	3	1	1	2	[illegible]	16	24
25	Ferozepore ..	Ferozepore ...	25,337	3	9	12	11	6	5	...	...	...	6	1	...	4	...	2	2	25	23	25
26	Mooltan ...	Mooltan ...	64,265	28	29	57	39	26	13	...	..	...	16	2	...	21	15	7	22	46	32	26
27	Jhang ...	Maghiana ...	13,866	4	7	11	8	7	1	...	...	...	2	...	...	6	1	1	2	41	30	27
28		Chiniot ..	13,476	5	9	14	12	10	2	...	...	...	5	...	...	7	7	...	7	54	46	28

WEEKLY RETURN OF BIRTHS AND DEATHS. &c.—(concluded.)

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	68	51	119	95	44	51	...	...	...	42	5	2	46	11	13	24	39	31	29
30		Kasur ...	20,290	3	5	8	10	6	4	...	...	...	7	1	1	1	1	1	2	21	26	30
31		Chunian ...	10,339	4	2	6	5	3	2	...	...	...	2	...	...	3	1	1	2	30	25	31
32	Amritsar ...	Amritsar ...	135,401	53	61	114	9[illegible]	50	49	...	...	...	34	9	3	5	12	7	19	44	38	32
33	Gurdaspur ...	Batala ...	27,223	10	12	22	11	3	8	...	...	1	5	1	...	4	1	2	3	42	21	33
34	Sialkot ...	Sialkot ...	33,965	8	16	24	17	13	4	...	...	1	7	...	...	9	5	1	6	37	26	34
35	Gujrat ...	Gujrat ...	17,671	13	5	18	12	7	5	...	...	...	4	...	1	7	...	1	1	53	35	35
36		Jalalpur ...	11,065	7	4	11	7	4	3	...	...	...	4	...	...	3	2	2	4	5[illegible]	33	36
37	Gujranwala ...	Gujranwala ...	25,892	9	10	19	11	4	7	...	...	...	7	...	...	4	1	3	4	38	22	37
38		Wazirabad ...	15,786	5	15	20	2	12	10	...	...	...	12	3	...	7	5	3	8	66	73	38
39	Shahpur ...	Bhera ...	17,428	2	4	6	11	6	5	...	...	...	6	1	1	3	1	1	2	18	33	39
40	Jhelum ...	Pind Dadan Khan	15,055	4	3	7	15	8	7	...	...	...	11	2	...	2	...	1	1	24	52	40
41	Rawalpindi ...	Rawalpindi ...	38,334	12	3	15	41	24	17	...	...	...	22	2	...	17	6	3	9	20	56	41
42	Peshawar ...	Peshawar ...	63,079	27	18	45	48	32	16	...	...	...	30	...	1	17	6	4	10	37	40	42
43	Kohat ...	Kohat ...	Return	not	received.																	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	6	9	15	43	20	2[illegible]	...	...	...	23	5	...	15	5	3	8	36	104	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	8	8	16	32	18	14	...	...	...	19	6	...	7	...	7	7	35	70	45
	Grand Total ...		1,369,250	458	523	981	924	498	426	...	...	3	447	78	9	387	112	97	209	37	35	
	Hill Sanitaria.																					
	Simla ...	...	13,279	5	2	7	4	3	1	...	...	...	1	...	...	3	2	1	3	27	16	
	Dharmsala ...	...	2,778	1	...	1	1	...	1	...	...	...	...	1	...	...	...	...	...	19	19	
	Dalhousie ...	...	807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	...	1,459	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 25th January 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 8TH JANUARY 1898.

Births and Deaths in Municipal Towns.—In the 42 large Municipal towns 981 births were registered (458 males and 523 females), giving a birth-rate of 37 per *mille* of population; 924 deaths were registered (498 males and 426 females), giving a death-rate of 35 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 25th January 1898.

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No. 5 of 1898.

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PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, FEBRUARY 3, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 1st FEBRUARY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 11 seers ... Gram 12 seers. Bájra 22 seers.	...	Canal crops prospects good. Bárâni (dependent on rain) crops suffering for want of rain, which is urgently wanted.
2	Delhi ...	...	2. Fair ...	Wheat 10¾ seers Gram 11½ seers. Bájra 19 seers.	...	Crops suffering for want of rain; prospects average. Stocks sufficient.
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 11½ to 12 seers. Gram 11¼ to 11¾ seers. Maize 20½ seers.	...	Rain badly needed. Baráni (dependent on rain) crops are suffering from want of rain. Water sufficient.
4	Jullundur ...	...	1. Sufficient ... 2. Good.	Wheat 13½ seers Gram 12 seers. Maize 20½ seers.	...	Condition of standing crops good. Rain wanted. Stock of food-grains sufficient.
5	Ferozepore ...	0·58 at Sadr ... 0·37 in City. 0·50 in Moga. 0·76 in Zíra. 0·81 in Muktsar. 0·48 in Fázilka. 0·68 in Nathána. 0·34 in Jalálabad.	1. Sufficient ... 2. Good.	Wheat 12 seers ... Gram 12 seers. Barley 15 seers. Jowár 18 seers. Maize 19 seers.	...	Rain was favourable to standing crops. Stocks of food-grain sufficient.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	0·15 in Mooltan ... 0·59 in Mailsi. 0·65 in Lodhran. 0·14 in Shujabad. 0·08 in Kabírwála.	1. Sufficient ...	Wheat 11 seers ...	...	Crops in good condition.
7	Lahore ...	...	1. Sufficient ...	Wheat 12 to 13 seers. Maize 17 to 19½ seers.	Sugarcane being pressed.	Irrigation of standing crops in progress. Rain badly wanted to improve the prospects of crops, whether unirrigated or irrigated, as canal supply is not sufficient. Grain stock sufficient, but not with zamindárs except in canal-irrigated tracts.
8	Amritsar ...	...	1. Scarce in parts. 2. Good.	Wheat 13¼ seers Maize 18½ seers.	Sugarcane pressing going on.	Rabi crops in good condition. Rain badly wanted for crops on unirrigated lands. Stock sufficient.
9	Siálkot ...	0·30 average ...	1. Scarce ... 2. Poor.	Wheat 11¾ to 12½ seers. Rice 10 to 10½ seers.	Pressing of sugar cane continues.	Rabi crops on irrigated lands in good condition.
10	Shahpur ...	0·10 in Bhera ...	1. Sufficient ...	Wheat 13¼ to 14¾ seers. Bájra 18 seers.	...	Locusts present in Bhera Tahsíl: no damage reported. Crops in good condition, but require rain.
11	Ráwalpindi ...	0·21 in Fattahjang 0·28 in Attock. 0·70 in Gujar Khan. 0·69 in Kahúta. 0·70 in Murree.	1. Sufficient ...	Wheat 12½ seers Bájra 16 seers. Maize 18½ seers.	...	Prospects good. Stock of grain sufficient.
12	Peshâwar ...	0·16 at Sadr ...	1. Sufficient ... 2. Good.	Wheat $11\frac{10}{16}$ seers Maize $19\frac{6}{16}$ seers.	Sugarcane being pressed and gur under preparation; outturn average.	Recent rain benefited the standing crops. Stock of food-grains sufficient.
13	D. I. Khan ..	...	1. Sufficient except in Leiah. 2. Lean in parts for want of fodder.	Wheat 13⅛ seers Bájra $19\frac{1}{16}$ seers.	...	Condition of standing crops average. Rain wanted. Crops in Leiah are suffering much from want of rain.

GENERAL REMARKS.

Rainfall.—Rain averaging from $\frac{1}{10}$ to ½ of an inch has fallen in Ferozepore, Mooltan, Siálkot, Shahpur, Ráwalpindi and Peshâwar.

Prices.—Have fallen in Jullundur, Ferozepore, Shahpur and Dera Ismail Khan and remained unchanged elsewhere. Wheat is selling from 10¾ to 14¾, gram 11¼ to 12, barley 15, bulrush millet 16 to 22, great millet 18, maize 17 to 20½, and rice 10 to 10½ seers per rupee.

Agricultural operations.—Sugarcane pressing still continues in some districts.

Crops and outturn.—Condition of irrigated crops generally good; those on dry land suffering from want of rain, which is badly needed in most districts. Recent rain benefited the standing crops. Stock of food-grain sufficient.

Damage done to crops.—Locusts appeared in parts of Shahpur, but did no damage.

Agricultural stock.—Condition of cattle is poor in Siálkot and parts of Dera Ismail Khan, fair in Delhi, and good elsewhere.

Pasturage.—Fodder scarce in Siálkot and parts of Amritsar and Dera Ismail Khan, and sufficient elsewhere.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

PRICES CURRENT OF FOOD-GRAINS, &c., IN THE DISTRICTS OF THE PUNJAB DURING THE WEEK ENDING 22ND JANUARY 1898.

1	2	3	4	5	6	7	8	9	10
		Quantities per rupee by the ordinary ser of 80 Tolas.							
Division.	Districts.	Wheat.	Barley.	Rice (common).	Jowár or Cholum (Sorghum Vulgare).	Bájra or Cumbu (Pennisetum Typhoideum)	Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).	Maize (Zea Mays).	Remarks.
		Srs. Chs.	Srs. Chs.	Srs. Chs.	Srs. Chs.	Srs. Chs.	Srs. Chs.	Srs. Chs.	
Delhi.	Hissar	12 0	20 0	10 0	23 0	22 8	13 8	21 0	
	Rohtak	10 0	15 0	10 0	21 0	19 0	11 0	19 0	
	Gurgaon	11 8	20 0	8 0	20 0	20 0	12 0	15 0	
	Delhi	10 8	18 0	10 0	19 0	19 0	11 0	18 0	
	Karnál	10 0	17 0	10 0	20 0	19 0	10 0	19 0	
	Umballa	11 12	15 8	10 0	25 0	19 8	11 8	20 8	
	Simla	10 4	13 0	8 8	14 0	14 0	9 12	16 12	
Jullundur.	Kángra	13 0	18 0	12 0	†	†	10 0	20 8	
	Hoshiárpur ...	12 4	16 0	11 0	18 4	16 0	12 4	19 0	
	Jullundur	12 0	16 0	9 0	19 0	18 0	12 0	19 0	
	Ludhiána	11 12	16 4	7 0	18 8	18 8	12 0	19 8	
	Ferozepore ...	11 12	17 12	6 12	17 12	17 12	11 4	17 12	
Lahore.	Mooltan	11 0	19 0	11 0	16 0	15 8	10 8	17 0	
	Jhang	12 8	18 0	11 0	22 0	19 0	12 0	21 0	
	Montgomery ...	11 8	17 0	9 8	17 0	16 8	11 12	18 0	
	Lahore	12 3	17 4	8 2	17 8	16 0	11 11	16 14	
	Amritsar	12 0	16 0	8 8	18 0	17 0	11 0	17 0	
	Gurdáspur	13 0	18 0	10 0	18 0	11 0	12 0	18 0	
Rawalpindi.	Siálkot	11 12	16 8	10 8	18 0	16 0	12 0	17 0	
	Gujrát	11 12	15 0	8 0	17 0	17 0	11 8	17 0	
	Gujránwála ...	12 8	19 0	9 4	17 0	17 0	12 2	17 0	
	Shahpur	13 0	20 0	8 0	16 0	17 0	13 0	16 0	
	Jhelum	13 0	17 0	8 0	16 0	16 0	12 0	17 0	
	Ráwalpindi ...	12 0	18 0	7 4	18 8	15 12	10 12	16 8	
Peshawar.	Hazára	12 6	18 8	8 6	§	12 0	9 12	17 8	
	Peshâwar	11 0	18 0	7 9	18 0	14 0	10 0	19 0	
	Kohát	12 3	17 9	9 9	§	17 3	10 7	17 9	
Derajat.	Bannu	13 14	25 5	9 6	22 8	20 10	13 15	25 10	
	Dera Ismail Khan ...	12 8	20 0	6 4	27 8	17 8	13 12	18 12	
	Dera Ghâzi Khan ...	11 14	16 4	11 4	20 0	17 0	10 15	§	
	Muzaffargarh ...	...	...	...	...	...	...	...	Statement not received.

† Not produced.
§ Not procurable.

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 15TH JANUARY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	4	5	9	15	8	7	...	...	...	7	1	...	7	2	1	3	28	46	1
2		Hansi ...	15,190	2	4	6	8	3	5	...	...	...	3	1		4	2	1	3	21	27	2
3		Bhiwani ...	35,487	12	5	17	30	15	15	...	...	...	15	3		12	6	1	7	25	44	3
4		Sirsa ...	16,415	4	1	5	13	8	5	...	...	...	6	...		7	1	2	3	16	41	4
5	Rohtak ...	Rohtak ...	16,191	4	4	8	8	5	3	...	...	...	3	...		5	1	...	1	26	26	5
6		Jhajjar ...	11,881	2	8	10	1	1	...	...	...	...	1	...	...	...	...	...	...	44	4	6
7	Gurgaon ...	Rewari ...	27,934	6	8	14	15	7	8	...	...		5	2		8	1	2	3	26	28	7
8		Palwal ...	11,227	7	8	15	12	4	8	...	...	...	9	...	...	3	1	3	4	70	56	8
9	Delhi ...	Delhi ...	189,648	54	61	125	138	69	69	...	...	...	61	4	1	72	13	10	23	34	38	9
10		Sonepat ...	12,611	4	4	8	7	4	3	...	...	...	4	...	...	3	1	...	1	33	29	10
11	Karnal ...	Karnal ...	21,530	9	9	18	10	7	3	...	...	...	4	1	...	5	4	1	5	44	24	11
12		Kaithal ...	15,768	2	4	6	9	6	3	...	...	...	3	1	...	5	1	2	3	20	30	12
13		Panipat ...	27,547	11	10	21	16	4	12	...	...	...	6	...	...	10	1	3	4	40	30	13
14		Shahabad ...	11,473	6	3	9	5	1	4	...	...	...	5	...	...	...	...	1	1	41	23	14
15	Umballa ...	Umballa ...	26,856	13	16	29	13	7	6	...	...	...	4	4	...	5	2	1	3	56	25	15
16		Jagadhri ...	13,029	3	2	5	7	2	5	...	...	...	6	...	...	1	2	1	3	20	28	16
17		Sadhaura ...	10,445	1	1	2	4	2	2	...	...	...	3	...	...	1	...	1	1	10	20	17
18	Hoshiarpur	Hoshiarpur ...	Returns not received.																			18
19		Tanda and Urmar																				19
20	Jullundur ...	Jullundur ...	50,375	5	11	16	37	20	17	...	...	...	10	3	...	24	9	3	12	17	38	20
21		Rahon ...	10,667	4	3	7	7	4	3	...	...	...	6	...	...	1	1	1	2	34	34	21
22		Kartarpur ...	10,441	4	4	8	2	1	1	...	...	...	1	...	...	1	...	1	1	40	10	22
23	Ludhiana ...	Ludhiana ...	46,024	20	9	29	40	18	22	...	...	...	18	4	...	18	5	3	8	33	45	23
24		Jagraon ...	18,116	6	6	12	9	3	6	...	...	...	...	1	...	8	1	4	5	35	26	24
25	Ferozepore ...	Ferozepore ...	25,337	10	6	16	19	12	7	...	...	...	9	3	...	7	...	2	2	33	39	25
26	Mooltan ...	Mooltan ...	64,265	30	28	58	43	21	22	...	...	...	17	3	1	22	9	9	18	47	35	26
27	Jhang ...	Maghiana ...	13,866	12	8	20	8	5	3	...	...	...	2	2	...	4	1	1	2	75	30	27
28		Chiniot ...	13,476	6	3	9	8	3	5	...	...	...	4	...	...	4	1	2	3	35	31	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	56	45	101	86	44	42	...	...	...	49	...	1	36	11	12	23	33	28	29
30		Kasur ...	20,290	11	9	20	11	5	6	...	...	...	9	...	...	2	1	2	3	51	28	30
31		Chunian ...	10,339	8	5	13	9	6	3	...	...	...	5	...	...	4	1	...	1	66	45	31
32	Amritsar ...	Amritsar ...	135,401	50	45	95	81	40	41	...	...	...	28	9	2	42	10	8	18	37	31	32
33	Gurdaspur ...	Batala ...	27,223	20	11	31	16	6	10	...	...	2	9	...	...	5	1	3	4	59	31	33
34	Sialkot ...	Sialkot ...	33,965	21	12	33	22	13	9	...	...	...	7	1	1	13	6	4	10	51	34	34
35	Gujrat ...	Gujrat ...	17,671	9	7	16	7	4	3	...	...	...	2	1	...	4	1	2	3	47	21	35
36		Jalalpur ...	11,065	4	1	5	11	4	7	...	...	...	4	...	...	7	2	1	3	24	52	36
37	Gujranwala ...	Gujranwala ...	25,892	12	22	34	15	3	12	...	...	...	11	1	...	3	...	4	4	68	30	37
38		Wazirabad ...	15,786	9	10	19	10	5	5	...	...	...	7	1	...	2	1	3	4	63	33	38
39	Shahpur ...	Bhera ...	17,428	9	5	14	5	2	3	...	...	...	2	...	...	3	...	1	1	42	15	39
40	Jhelum ...	Pind Dadan Khan	15,055	1	2	3	16	9	7	...	...	...	7	4	...	5	...	2	2	10	55	40
41	Rawalpindi ...	Rawalpindi ...	38,334	11	10	21	27	17	10	...	...	...	20	1	...	6	3	1	4	29	37	41
42	Peshawar ...	Peshawar ...	63,079	35	24	59	42	20	22	...	...	...	29	...	...	13	8	5	13	49	35	42
43	Kohat ...	Kohat ...	14,347	2	3	5	12	8	4	...	...	...	4	2	...	6	1	...	1	18	44	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	10	6	16	32	17	15	...	...	...	21	4	...	7	5	...	5	39	77	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	5	3	8	18	9	9	...	...	...	12	3	1	2	...	2	2	17	39	45
	GRAND TOTAL ...		1,383,597	524	451	975	904	452	452	...	...	2	438	60	7	397	116	106	222	37	34	
	Hill Sanitaria.																					
	Simla ...	...	13,279	8	4	12	7	6	1	...	...	...	5	...	...	2	3	...	3	47	27	
	Dharmsala ...	...	2,778	...	2	2	5	2	3	...	...	...	...	1	...	4	...	2	2	38	94	
	Dalhousie ...	...	807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	...	1,459	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 1st February 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 15TH JANUARY 1898.

Births and Deaths in Municipal Towns.—In the 43 large Municipal towns 975 births were registered (524 males and 451 females), giving a birth-rate of 37 per *mille* of population; 904 deaths were registered (452 males and 452 females), giving a death-rate of 34 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 1st February 1898.

NORTH-WESTERN RAILWAY.

Abstract of Principal Commodities carried over the North-Western Railway during the month of November 1897 as compared with the same month of the previous year.

No.	Staples.	1896.	1897.	Increase in 1897.	Decrease in 1897.	REMARKS.
		No.	No.	No.	No.	
1	Animals	2,479	5,342	2,863	...	
		Tons.	Tons.	Tons.	Tons.	
2	Coal and coke	3,410	3,397	...	13	
3	Cotton, raw	4,995	1,878	...	3,117	
4	Cotton, manufactured—					
	(1) Twist and yarn, European	174	214	40	...	
	(2) Twist and yarn, Indian	130	283	153	...	
	(3) Piece-goods, European	919	1,694	775	...	
	(4) Piece-goods, Indian	1,567	1,806	239	...	
5	Drugs and chemicals—					
	(1) Intoxicating other than opium	28	35	7	...	
	(2) Non-intoxicating—					
	(*a*) Cinchona bark	...	...	...	...	
	(*b*) Others	710	821	111	...	
6	Dyes and tans—					
	(1) Indigo	159	173	14	...	
	(2) Myrabolams	12	28	16	...	
	(3) Cutch	1	7	6	...	
	(4) Turmeric	119	180	61	...	
	(5) Alizarine and aniline dyes	47	91	44	...	
	(6) Others	338	696	358	...	
7	Grain and pulse—					
	(1) Wheat	15,732	29,453	13,721	...	
	(2) Rice in the husk	3,347	3,088	...	259	
	(3) Rice not in the husk	6,872	7,945	1,073	...	
	(4) Jowár and bájra	24,589	10,711	...	13,878	
	(5) Gram and pulse	7,436	27,723	20,287	...	
	(6) Others	2,091	2,748	657	...	
8	Hides and skins—					
	(1) Hides of cattle—					
	(*a*) Dressed or tanned	241	221	...	20	
	(*b*) Raw	721	795	74	...	
	(2) Skins of sheep, &c.—					
	(*a*) Dressed or tanned	53	13	...	40	
	(*b*) Raw	530	599	69	...	
9	Horns	28	26	...	2	
10	Jute—					
	(1) Raw	27	1	...	26	
	(2) Gunny bags and cloth	2,357	2,290	...	67	
11	Lac—					
	(1) Stick	8	7	...	1	
	(2) Shell	23	16	...	7	
12	Leather, manufactured	185	171	...	14	
13	Liquors—					
	(1) Beer	940	654	...	286	
	(2) Spirits	72	61	...	11	
	(3) Wines	222	363	141	...	

No.	Staples.	1896.	1897.	Increase in 1897.	Decrease in 1897.	REMARKS
		Tons.	Tons.	Tons.	Tons.	
14	Metals—					
	(1) Copper, unwrought ...	23	51	28	...	
	(2) Brass, unwrought ...	11	64	53	...	
	(3) Copper, wrought ...	32	43	11	...	
	(4) Brass, wrought ...	103	137	34	...	
	(5) Iron ...	3,305	3,268	...	127	
	(6) Others ...	177	182	5	...	
15	Oils—					
	(1) Kerosine ...	1,490	2,374	884	...	
	(2) Castor ...	33	10	...	17	
	(3) Cocoanut oil ...	12	17	5	...	
	(4) Others ...	444	447	3	...	
16	Oil-seeds—					
	(1) Linseed ...	96	22	...	74	
	(2) Rape and mustard ...	864	668	...	196	
	(3) Til or jinjili ...	4,890	1,863	...	3,027	
	(4) Poppy ...	16	20	4	4	
	(5) Earthnut ...	5	11	6	...	
	(6) Castor ...	...	...	...	...	
	(7) Cotton seeds ...	6,502	4.223	...	2,279	
	(8) Others ...	604	578	...	26	
17	Opium ...	5	8	3	...	
18	Paper and paste-boards ...	169	215	46	...	
19	Provisions—					
	(1) Ghi ...	872	1,134	262	...	
	(2) Dried fruits ...	348	4,035	546	...	
	(3) Atta ...	3,266	3,751	485	...	
	(4) Others ...	2,345	2,619	274	...	
20	Railway Materials for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders ...	7	...	...	7	
	(2) Carriages and Trucks ...	...	...	...	...	
	(3) Materials for construction—					
	(a) Wooden sleepers ...	36	3,698	3,662	...	
	(b) Other sorts ...	3,444	1,079	...	2,365	
21	Salt ...	8,376	9,836	1,460	...	
22	Saltpetre, &c.—					
	(1) Saltpetre ...	47	120	73	...	
	(2) Other saline substances ...	456	432	...	24	
23	Silk, raw—					
	(1) Foreign ...	8	16	8	...	
	(2) Indian ...	4	4	...	...	
24	Silk piece-goods—					
	(1) Foreign ...	1	4	3	...	
	(2) Indian ...	5	4	...	1	
25	Spices—					
	(1) Betelnuts ...	35	50	15	...	
	(2) Pepper ...	57	69	12	...	
	(3) Ginger ...	193	291	98	...	
	(4) Chillies ...	578	664	86	...	
	(5) Cardamums ...	11	30	19	...	
	(6) Others ...	234	239	5	...	
26	Stone and lime ...	6,773	7,544	771	...	
27	Sugar—					
	(1) Refined ...	1,840	2,860	1 020	...	
	(2) Unrefined ...	4 486	6,871	2,385	...	

No.	Staples.	1896.	1897.	Increase in 1897.	Decrease in 1897.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
28	Tea—					
	(1) Foreign ...	40	44	5	...	
	(2) Indian ...	256	324	68	...	
29	Timber ...	4,113	2,936	...	1,177	
30	Tobacco—					
	(1) Unmanufactured ...	973	1,259	286	...	
	(2) Manufactured—					
	(a) Cigars ...	16	14	...	2	
	(b) Others ...	75	118	43	...	
31	Wool, raw ...	2,283	1,581	...	702	
32	Wool, manufactured—					
	(1) Piece-goods, European ...	66	181	115	...	
	(2) Piece-goods, Indian ...	296	337	41	...	
	(3) Shawls ...	...	...	...	...	
33	All other articles of merchandise—					
	(1) Firewood ...	4,957	8,705	3,748	...	
	(2) Manures ...	2,706	2,144	...	562	
	(3) Fodder ...	4,866	4,789	...	77	
	(4) Lucifer matches ...	64	136	72	...	
	(5) Others ...	5,718	8,027	2,309	...	
		No.	No.	No.	No.	
	Total ... Animals ...	2,479	5,342	2,863	...	
		Tons.	Tons.	Tons.	Tons.	
	Total ... Goods ...	159,946	188,341	28,395	...	

LAHORE:
The 20th January 1898.

J. SHAM,
Examiner of Accounts, North-Western Railway.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 15th January 1898 on 160·47 miles open.

	Coaching Traffic.		*Merchandise and Mineral Traffic.*		Other Earnings (estimated).	Total Earnings.	*Traffic Train-miles run.*		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	*16,844	*14,136 13 0	82,071 10	12,550 8 0	77 0 0	26,764 5 0	7,068	3,354	10,422
Or per mile of Railway	...	88 1 6	...	78 3 5	0 7 8	166 12 7	...	...	...
For previous 1 1/7 weeks of half-year	17,341	14,674 6 0	93,896 20	12,012 2 0	94 0 0	26,780 8 0	7,921	3,701	11,622
Total for 2 1/7 weeks ...	34,185	28,811 3 0	175,967 30	24,562 10 0	171 0 0	53,544 13 0	14,989	7,055	22,044
COMPARISON.									
Total for corresponding week of previous year ...	14,221½	10,453 2 8	59,827 20	7,656 3 0	46 4 0	18,155 9 8	6,605	3,352	9,957
Per mile of Railway corresponding week of previous year	...	65 2 3	...	47 11 5	0 4 7	113 2 3	...	...	...
Total for corresponding 2 2/7 weeks of previous year ...	33,506½	25,763 14 3	144,883 0	19,322 15 0	140 12 0	45,227 9 3	15,205	7,326	22,531

*The increase is chiefly in outward traffic.

EAST INDIAN RAILWA[illegible]
AUDIT OFFICE:
The 19th January 1898.

T. [illegible]SHFORD,
Acting Chief Auditor.

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF NOVEMBER 1897.

Month.	Documents registered.			Total collections, inclusive of copying fees.	Total expenditure, inclusive of that paid out of copying fees.	Remarks.
	Compulsory.	Optional.				
		Relating to immoveable property.	Others.			
				Rs.	Rs.	
November 1897...	5,408	2,528	736	21,610	8,318	
November 1896...	6,223	3,472	765	25,415	8,662	
Difference ...	— 815	— 944	— 29	— 3,805	— 344	
First eight months of 1897-98 ...	78,936	37,810	6,253	2,91,290	86,829	
First eight months of 1896-97 ...	64,505	31,003	7,048	2,53,860	78,173	
Difference ...	+ 14,431	+ 6,807	— 795	+ 37,430	+ 8,656	

OFFICE OF INSPR.-GENL. OF REGTN., PUNJAB,
LAHORE:
The 21st January 1898.

G. C. WALKER,
Inspector-General of Registration, Punjab.

Punjab Government Press, Lahore—3-2-98—690.

No. 6 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, FEBRUARY 10, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 8th FEBRUARY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of	
					Kharif (Autumn).	Rabi (Spring).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 11 seers ... Gram 12 seers. Bájra 22 seers.	...	Prospects of Canal crops good. Báráni crops suffering for want of rain. Rain urgently needed.
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Wheat 10¾ seers Gram 11½ seers. Bájra 19½ seers.	...	Báráni crops being damaged by insects, prospects average, but depend on rain. Irrigated crops in good condition.
3	Umballa ...	0·14 at Sadr ... 0·42 in Jágadhri. 0·10 in Kharar. 0·07 in Rúpar.	1. Sufficient ... 2. Good.	Wheat 11½ to 12 seers. Gram 11½ to 12 seers. Maize 20¾ seers.	...	Crops slightly benefited by recent rain. More rain still needed.
4	Jullundur ...	...	1. Becoming scarce. 2. Good.	Wheat 13¼ seers Gram 12½ seers. Maize 21½ seers.	...	Condition of standing crops average. Rain urgently needed. Stock of food-grain sufficient.
5	Ferozepore ...	...	1. Sufficient ... 2. Good.	Wheat 12 seers ... Gram 12 seers. Barley 19 seers. Jowár 19 seers. Maize 18 seers.	...	Stocks of food-grain sufficient. Rape-seed damaged by caterpillar in Fázilka.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of	
					Kharif (Autumn).	Rabi (Spring).
6	Mooltan ...	...	1. Sufficient ...	High ... Wheat, 2nd quality, 11 seers.	...	Crops in good condition.
7	Lahore ...	...	1. Sufficient ...	Maize 17½ to 19½ seers.	Sugarcane being pressed.	Rain badly wanted to i[?] the prospects of both irrigated and unirrigated crops, as canal supply is not sufficient. Stock sufficient, but not with zamíndárs.
8	Amritsar ...	...	1. Scarce in Ajnála. 2. Good.	Continue high ... Wheat 13 seers. Maize 18½ seers.	Sugarcane pressing in progress.	Rain wanted for unirrigated crops. Extra rabi sowings commenced. Food-stocks sufficient.
9	Siálkot ...	...	1. Scarce ... 2. Poor.	Wheat 12 to 12½ seers. Rice 10 to 10½ seers.	Pressing of sugar cane continues, some of which is being used as fodder in parts.	Unirrigated crops drying for want of rain.
10	Shahpur ...	...	1. Sufficient ...	Wheat 12 to 14 seers.	...	Rain needed. Locusts present in Bhera. No damage reported.
11	Ráwalpindi ...	0·11 in Attock ...	1. Sufficient ...	Wheat 13 seers ... Bájra 16 seers.	...	Prospects good. Stock of grain sufficient.
12	Pesháwar ...	...	1. Sufficient ... 2. Good.	High ... Wheat $12\frac{2}{16}$ seers Maize $21\frac{2}{16}$? seers.	Sugarcane being pressed in parts and gur under preparation; outturn average.	Stock of food-grains sufficient.
13	D. I. Khan ...	...	1. Sufficient except in Leiah. 2. Good except in Leiah, where they are reported lean.	High ... Wheat 13½ seers Bájra $19\frac{1}{16}$ seers.	...	Condition of standing crops average. Rain wanted. Crops in Leiah suffering much from want of rain.

GENERAL REMARKS.

Rainfall.—A fall of $\frac{1}{9}$ of an inch reported from one Tahsil of the Ráwalpindi District and ½ inch in Umballa District. No rain anywhere else.

Prices.—Risen in Shahpur, fallen in Pesháwar and almost unchanged elsewhere. Wheat selling from 10¾ to 14, gram 11½ to 12½, barley 19, great millet 19, bulrush millet 16 to 22, maize 17½ to 21½ and rice 10 to 10½ seers per rupee.

Agricultural operations.—Sugarcane still being pressed in some districts. Extra spring sowings commenced in Amritsar.

Crops and outturn.—Condition of irrigated crops generally good. Unirrigated crops suffering from want of rain, which is badly needed in most districts. Stock of food-grain sufficient.

Damage done to crops.—Locusts reported in parts of Shahpur; but no damage done. Crops on land dependent on rain damaged by insects in Delhi. Caterpillars are reported to have injured Rape-seed crop in parts of Ferozepore.

Agricultural stock.—Condition of cattle poor in Siálkot and parts of Dera Ismail Khan, fair in Delhi, and good elsewhere.

Pasturage.—Fodder scarce in Siálkot and parts of Amritsar and Dera Ismail Khan, becoming scarce in Jullundur and sufficient in other places.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 22ND JANUARY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	4	7	11	14	6	8	...	...	...	9	...	...	5	1	1	2	34	43	1
2		Hansi ...	15,190	6	3	9	12	6	6	...	...	...	3	2		7	1	3	4	31	41	2
3		Bhiwani ...	35,487	8	7	15	18	11	7	...	...	...	8	1	...	9	1	1	2	22	26	3
4		Sirsa ...	16,415	10	4	14	12	6	6	...	...	...	7	1	..	4	1	..	1	44	38	4
5	Rohtak ...	Rohtak ...	16,191	11	7	18	12	8	4	...		...	5	...	..	7	3	2	5	58	39	5
6		Jhajjar ...	11,881	5	1	6	1	...	1	...		...	...	...	...	1	...	1	1	26	4	6
7	Gurgaon ...	Rewari ...	27,934	5	2	7	18	12	6	...	...	...	9	3	...	6	2	1	3	13	34	7
8		Palwal ...	11,227	1	5	6	8	5	3	...	...	...	7	1	...	...	...	...	...	28	37	8
9	Delhi ...	Delhi ...	189,648	59	60	119	108	63	45	...	.	1	52	3	...	52	13	11	24	33	30	9
10		Sonepat ...	12,611	3	3	6	7	1	6	...	...	...	3	1	...	3	...	1	1	25	29	10
11	Karnal ...	Karnal ...	21,530	9	7	16	14	6	8	...	...	...	8	...	...	6	2	2	4	39	34	11
12		Kaithal ...	15,768	9	7	16	11	6	5	...	...	...	2	...	...	9	1	3	4	53	36	12
13		Panipat ...	27,547	10	14	24	13	9	4	...	...	...	5	...	...	8	4	3	7	45	25	13
14		Shahabad ...	11,473	4	3	7	4	2	2	...	...	...	4	...	...	...	...	...	...	32	18	14
15	Umballa ...	Umballa ...	26,856	8	11	19	8	5	3	...	...	...	2	...	...	6	...	2	2	37	16	15
16		Jagadhri ...	13,029	2	5	7	8	3	5	...	...	...	5	...	...	3	1	1	2	28	32	16
17		Sadhaura ...	10,445	2	1	3	2	2	...	...	...	...	2	...	...	...	...	...	...	15	10	17
18	Hoshiarpur	Hoshiarpur ...	Returns not received.																			18
19		Tanda and Urmar																				19
20	Jullundur ...	Jullundur ...	50,375	18	20	38	29	17	12	...	...	...	15	2	...	12	5	4	9	39	30	20
21		Rahon ...	10,667	3	1	4	5	3	2	...	...	...	4	...	...	1	...	...	...	20	24	21
22		Kartarpur ...	10,441	4	4	8	5	2	3	...	..	...	5	...	...	...	...	...	...	40	25	22
23	Ludhiana ...	Ludhiana ...	46,024	22	14	36	34	17	17	..	...	...	13	5	...	16	...	1	1	41	39	23
24		Jagraon ...	18,116	6	7	13	7	2	5	...		...	1	1	...	5	...	2	2	37	20	24
25	Ferozepore ...	Ferozepore ...	25,337	6	7	13	14	9	5	...	...	...	8	1	...	5	2	1	3	27	29	25
26	Mooltan ...	Mooltan ...	64,265	30	28	58	50	25	25	...	..	...	18	6	1	25	7	9	16	47	41	26
27	Jhang ...	Maghiana ...	13,866	5	6	11	7	5	2	...	...	...	5	2	...	...	1	2	3	41	26	27
28		Chiniot ...	13,476	5	6	11	11	2	9	...	...	...	5	...	...	6	1	4	5	43	43	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
29	Lahore ...	Lahore ...	159,597	55	47	102	87	51	36	...	...	...	42	3	1	41	6	4	10	33	28
30		Kasur ...	20,290	7	9	16	6	4	2	...	...	...	4	...	...	2	...	2	2	41	15
31		Chunian ...	10,339	4	4	8	3	1	2	...	...	...	1	...	...	2	...	...	...	40	15
32	Amritsar ...	Amritsar ...	135,401	47	42	89	64	36	28	...	...	...	21	6	1	36	6	9	15	34	25
33	Gurdaspur ...	Batala ...	27,223	9	6	15	17	9	8	...	...	3	9	...	2	3	...	2	2	29	33
34	Sialkot ...	Sialkot ...	33,965	22	16	38	31	19	12	...	...	...	8	2	...	21	5	5	10	58	48
35	Gujrat ...	Gujrat ...	17,671	4	5	9	6	2	4	...	...	...	1	...	...	5	1	2	3	27	18
36		Jalalpur ...	11,065	2	4	6	6	3	3	...	...	...	4	1	...	1	...	...	...	28	28
37	Gujranwala...	Gujranwala ...	25,892	11	4	15	10	9	1	...	...	...	4	...	...	6	3	...	3	30	20
38		Wazirabad ...	15,786	4	5	9	14	8	6	...	...	...	12	...	...	2	...	1	1	30	46
39	Shahpur ...	Bhera ...	17,428	6	4	10	15	13	2	...	...	...	10	1	...	4	3	...	3	30	45
40	Jhelum ...	Pind Dadan Khan	15,055	2	2	4	10	5	5	...	...	...	7	2	...	1	1	...	1	14	35
41	Rawalpindi ...	Rawalpindi ...	38,334	11	7	18	29	15	14	...	...	...	12	4	...	13	3	5	8	24	39
42	Peshawar ...	Peshawar ...	63,079	23	24	47	45	19	26	...	...	...	29	2	...	14	3	3	6	39	37
43	Kohat ...	Kohat ...	14,347	8	1	9	14	11	3	...	...	...	6	2	...	6	...	...	...	33	51
44	D. I. Khan ...	Dera Ismail Khan	21,573	7	7	14	31	20	11	...	...	...	22	6	...	3	4	...	4	34	75
45	D. G. Khan ...	Dera Ghazi Khan	23,899	6	4	10	16	12	4	...	...	...	11	...	1	4	1	...	1	22	35
	Grand Total	...	1,383,597	483	431	914	836	470	366	...	...	4	408	58	6	360	82	88	170	34	32
	Hill Sanitaria.																				
	Simla ...	...	13,279	2	1	3	1	1	...	...	...	...	...	...	...	1	1	...	1	12	4
	Dharmsala ...	...	2,778	4	1	5	2	2	...	...	...	...	1	...	...	1	...	...	...	94	38
	Dalhousie ...	...	807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Murree ...	...	1,459	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	36

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Cens[illegible]f 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 8th February 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 22ND JANUARY 1898.

Births and Deaths in Municipal Towns.—In the 43 large Municipal towns 914 births were registered (483 males and 431 females), giving a birth-rate of 34 per *mille* of population; 836 deaths were registered (470 males and 366 females), giving a death-rate of 32 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

S[illegible]ITARY COMMISSIONER'S OFFICE,
LAHORE:
The 8th February 1898.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

1	2			3			4			5		
										QUANTITIES PER RUPEE BY THE		
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 31st January 1898.	Past fortnight ending 15th January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st January 1898.	Past fortnight ending 15th January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st January 1898.	Past fortnight ending 15th January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st January 1898.	Past fortnight ending 15th January 1898.	Correspo nding fortnight of 1897.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs.	Srs.	Srs	Srs. C.	Srs. C.	Srs. C.
Hissar ...	12 0	12 8	10 0	20 0	20 0	10 0	...	...	...	10 4	9 4	9 0
Rohtak ...	11 0	11 0	9 8	15 0	16 0	8 0	...	...	...	10 0	10 0	8 12
Gurgaon ...	11 0	11 8	8 12	19 0	19 0	10 8	...	...	...	8 0	8 0	7 0
Delhi ...	10 8	10 8	9 2	18 0	18 0	10 8	...	...	...	10 0	10 8	8 8
Karnál ...	10 0	12 0	9 8	17 0	19 0	11 0	...	...	...	10 0	10 0	8 0
Umballa ...	11 12	12 8	9 12	15 8	17 0	10 0	...	...	...	10 0	10 0	8 0
Simla ‖ ...	...	10 0	8 0	...	12 0	§	...	...	...	...	8 8	7 0
Kángra ...	13 0	13 0	10 0	18 0	18 0	12 0	...	...	...	12 0	12 0	9 8
Hoshiárpur ...	12 12	12 4	10 4	16 0	15 8	12 0	...	...	...	11 0	11 0	9 0
Jullundur ...	13 0	13 0	10 4	17 0	18 0	10 0	...	...	...	9 0	8 0	7 0
Ludhiána ...	12 4	12 0	10 8	18 0	17 0	11 0	...	...	...	8 0	6 0	8 0
Ferozepore ...	11 12	11 0	11 4	17 12	18 12	13 8	...	...	...	6 12	6 12	6 12
Mooltan ...	11 0	11 0	8 12	19 0	16 0	11 8	...	...	...	12 8	11 0	8 8
Jhang ...	13 0	12 0	8 4	19 0	18 0	12 0	...	...	...	11 0	10 0	8 0
Montgomery...	11 12	11 12	10 0	17 0	17 0	§	...	...	...	9 8	9 8	8 0
Lahore ...	13 2	12 6	10 4	14 11	13 15	12 4	...	...	...	9 12	8 4	8 4
Amritsar ...	12 0	12 0	9 12	17 0	16 0	12 0	...	...	...	8 8	8 8	8 0
Gurdáspur ...	13 0	13 8	10 0	18 0	18 0	11 0	...	...	...	10 0	10 0	8 0
Siálkot ...	11 12	12 0	9 8	16 8	16 8	12 4	...	...	...	10 8	10 8	8 0
Gujrát ...	11 12	11 12	9 4	15 0	15 0	9 8	...	...	...	8 0	8 0	7 8
Gujránwála ...	12 12	12 5	10 0	19 0	17 12	12 0	...	...	...	9 4	9 4	9 4
Shahpur ...	14 0	13 0	9 0	20 0	20 0	11 0	...	...	...	8 0	8 0	6 0
Jhelum ...	14 0	13 0	10 0	17 0	17 0	11 0	...	...	...	9 0	8 0	8 0
Ráwalpindi ...	12 4	12 8	8 S	18 0	18 12	13 4	...	...	...	7 4	7 4	6 4
Hazára ...	12 10	12 6	9 2	19 0	18 8	13 0	...	...	...	8 14	8 6	7 4
Pesháwar ...	11 0	11 0	9 0	19 0	18 0	14 0	...	...	...	7 6	7 9	7 8
Kohát ...	13 2	12 2	9 10	17 9	16 8	15 10	...	...	...	9 15	9 9	8 12
Bannu ...	14 1	14 11	11 8	26 14	28 7	18 8	...	...	...	9 11	9 11	8 7
D. I. Khan ...	13 7	12 8	9 11	20 10	20 0	11 4	...	...	...	6 4	6 4	6 4
D. G. Khan ...	11 8	10 15	9 6	16 4	16 4	10 0	...	...	...	11 14	10 0	7 0
Muzaffargarh	12 8	11 12	10 0	18 0	17 0	11 0	...	...	...	10 0	10 0	9 0

† Not pro
§ Not pro
‖ Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST JANUARY 1898.

ORDINARY SEER OF 80 TOLAS.

6			7			1	
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*				
Present fortnight ending 31st January 1898.	Past fortnight ending 15th January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st January 1898.	Past fortnight ending 15th January 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.		
25 0	24 0	11 8	22 0	22 0	10 0	Hissar.	
21 0	22 0	10 0	20 0	20 0	10 0	Rohtak.	
20 0	20 0	11 0	20 0	20 8	10 8	Gurgaon.	
19 0	19 0	10 8	19 0	19 8	10 8	Delhi.	
20 0	21 0	11 0	19 0	19 0	10 0	Karnál.	
25 0	26 0	11 0	19 8	19 8	9 8	Umballa.	
...	14 0	9 0	...	15 0	8 0	Simla. ‡	
†	†	§	†	†	§	Kángra.	
18 8	18 8	12 0	16 0	16 0	10 0	Hoshiárpur.	
19 0	20 0	§	18 0	17 0	9 0	Jullundur.	
14 8	19 0	10 8	19 0	19 0	10 8	Ludhiána.	
18 0	19 8	13 12	17 12	18 12	11 12	Ferozepore.	
16 0	15 8	11 0	15 8	15 8	9 12	Mooltan.	
21 0	22 0	10 0	18 0	16 8	10 0	Jhang.	
17 0	17 0	11 4	16 8	17 0	§	Montgomery.	
17 8	18 4	12 4	17 8	15 0	10 4	Lahore.	
18 0	18 0	10 0	17 0	16 0	10 0	Amritsar.	
18 0	16 0	12 0	11 0	11 0	11 0	Gurdáspur.	
17 8	17 0	11 0	16 8	16 0	11 0	Siálkot.	
17 0	17 0	11 0	17 0	17 0	10 0	Gujrát.	
17 0	17 0	11 8	17 0	16 0	10 0	Gujránwála.	
16 0	16 0	10 0	18 0	17 0	10 0	Shahpur.	
18 0	16 0	12 0	16 0	16 0	11 0	Jhelum.	
18 8	18 12	12 12	16 4	16 12	10 0	Ráwalpindi.	
§	§	§	12 0	12 0	§	Hazára.	
18 0	16 0	14 0	14 0	14 0	9 12	Peshàwar.	
§	§	§	17 9	17 3	11 12	Kohát.	
22 8	22 [illegible]	15 0	22 8	20 10	12 8	Bannu.	
28 14	23 12	13 7	19 1	17 0	11 4	D. I. Khan.	
20 0	20 0	11 4	17 8	17 8	11 4	D. G. Khan.	
15 0	15 0	10 0	14 0	14 0	10 0	Muzaffargarh.	

duced.
carable.
not received.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

1	8			9			10			11		
	QUANTITIES PER RUPEE BY											
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 31st January 1898.	Past fortnight ending 15th January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st January 1898.	Past fortnight ending 15th January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st January 1898.	Past fortnight ending 15th January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st January 1898.	Past fortnight ending 15th January 1898.	Corresponding fortnight of 1897.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar ...	†	†	†	†	†	†	14 0	13 0	11 8	20 0	22 0	†
Rohtak ...	†	†	†	10 0	10 0	10 0	12 0	11 0	11 0	21 0	19 0	11 0
Gurgaon ...	†	†	†	†	†	†	11 8	11 8	10 12	15 0	15 0	11 0
Delhi ...	†	†	†	13 0	13 0	10 0	11 0	10 8	10 12	18 0	18 0	11 8
Karnál ...	22 0	22 0	11 0	8 0	8 0	8 0	10 0	12 0	12 0	19 0	20 0	12 0
Umballa ...	25 0	24 8	§	15 0	15 0	9 0	11 8	11 12	11 0	20 8	22 4	11 14
Simla ‖ ...	...	13 8	§	...	8 0	8 0	...	9 13	9 8	...	17 0	10 8
Kángra ...	§	§	‡	‡	‡	§	10 0	10 0	10 0	21 0	20 0	11 8
Hoshiárpur ...	14 0	14 0	10 0	11 8	12 0	10 0	12 4	12 8	12 0	20 4	20 0	12 4
Jullundur ...	§	§	§	16 0	16 0	13 0	12 0	13 0	12 0	21 0	20 0	13 0
Ludhiána ...	†	†	†	14 0	14 0	11 0	12 8	11 8	12 0	20 8	20 0	13 0
Ferozepore ...	†	†	†	13 12	13 12	7 12	11 12	11 12	13 12	18 4	19 8	13 12
Mooltan ...	†	†	†	12 0	12 0	9 4	10 12	10 4	10 4	17 0	17 0	10 0
Jhang ...	20 0	8 0	11 0	22 0	20 0	12 0	12 0	12 0	10 0	22 0	20 0	11 0
Montgomery ...	§	§	§	†	†	†	12 0	11 4	11 0	18 4	18 0	§
Lahore ...	§	§	§	17 8	19 0	10 4	12 12	12 0	12 4	17 8	17 0	11 8
Amritsar ...	†	†	†	15 0	14 0	9 4	11 0	11 0	11 0	17 0	18 0	11 0
Gurdáspur ...	§	§	16 0	12 0	12 0	11 0	12 0	12 0	12 0	18 0	19 0	12 0
Siálkot ...	§	§	§	§	§	§	11 12	11 0	10 4	16 12	18 0	11 0
Gujrát ...	†	†	†	7 0	7 0	6 0	11 8	11 0	10 8	17 0	18 0	10 8
Gujránwála ...	†	†	†	12 4	12 0	10 0	12 8	11 14	11 10	17 0	17 12	11 8
Shahpur ...	16 0	16 0	12 0	16 0	16 0	12 0	13 8	13 0	11 0	16 0	16 0	9 0
Jhelum ...	‡	‡	‡	‡	‡	‡	12 0	12 0	12 0	17 0	17 0	11 0
Ráwalpindi ...	‡	‡	‡	11 12	11 12	9 12	11 0	11 4	11 12	17 12	17 12	10 12
Hazára ...	†	†	†	†	§	†	9 14	9 12	9 12	18 4	17 8	11 4
Peshávar ...	†	†	†	15 0	14 0	10 0	10 0	11 0	10 0	19 0	18 0	11 0
Kohát ...	†	†	†	§	§	†	10 14	10 3	11 8	17 9	17 3	12 12
Bannu ...	13 2	13 2	8 12	7 4	7 4	10 0	13 10	14 1	15 8	28 2	14 15	15 8
D. I. Khan ...	§	§	§	4 0	4 0	4 0	13 12	13 12	13 0	18 8	20 0	12 4
D. G. Khan ...	§	§	§	§	§	§	10 15	10 15	10 5	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	11 0	11 0	9 8	§	§	§

† Not pro
‡ Not sold.
§ Not pro
‖ Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST JANUARY 1898—continued.

THE ORDINARY SEER OF 80 TOLAS.

12			13			1
Arhur or Thur, Cadjan Pea (Cajanus Indicus).			*Firewood.*			
Present fortnight ending 31st January 1898.	Past fortnight ending 15th January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st January 1898.	Past fortnight ending 15th January 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs. C.	Srs. C.	Srs. C.	Srs. C	Srs.	Srs.	
†	†	†	100 0	100 0	100	Hissar.
10 0	10 0	10 0	100 0	100 0	120	Rohtak.
11 0	11 0	11 0	160 0	160 0	120	Gurgaon.
10 8	10 8	11 0	90 0	90 0	90	Delhi.
8 0	8 0	9 0	160 0	160 0	160	Karnál.
§	§	§	135 0	145 0	140	Umballa.
...	7 0	6 8	...	80 0	80	Simla. ‖
10 0	10 0	7 0	100 0	100 0	100	Kángra.
8 0	8 0	12 0	110 0	110 0	130	Hoshiárpur.
†	†	§	100 0	100 0	100	Jullundur.
7 8	6 8	7 4	100 0	100 0	110	Ludhiána.
6 12	6 12	6 12	110 0	100 0	120	Ferozepore.
†	†	†	100 0	100 0	90	Mooltan.
8 0	8 0	8 0	140 0	130 0	160	Jhang.
‡	‡	6 0	240 0	260 0	310	Montgomery.
7 0	6 14	7 10	95 0	95 0	95	Lahore.
§	§	†	85 0	85 0	110	Amritsar.
§	§	§	100 0	100 0	120	Gurdáspur.
§	§	§	120 0	120 0	120	Siálkot.
†	†	†	110 0	110 0	110	Gujrát.
11 8	11 0	†	115 0	115 0	95	Gujránwála.
†	†	†	160 0	160 0	160	Shahpur.
‡	‡	‡	120 0	120 0	160	Jhelum.
‡	‡	‡	60 0	60 0	86	Ráwalpindi.
†	†	†	100 0	81 0	100	Hazára.
15 0	15 0	15 0	48 0	49 0	80	Peshávar.
†	†	†	89 4	63 12	102	Kohát.
4 10	[illegible] 10	7 8	60 0	60 0	74	Bannu.
5 0	5 0	6 4	125 0	125 0	125	D. I. Khan.
§	§	§	100 0	100 0	100	D. G. Khan.
‡	‡	§	140 0	140 0	140	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Firewood.—Prices average 114 seers 3 chatáks as compared with 111 seers 5 chatáks in last fortnight and 120 seers 14 chatáks in corresponding period of 1897 The chief variations in each Division are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Seers.	Seers.	Seers.
Gurgaon ...	120	160	160
Hoshiárpur ...	130	110	110
Montgomery ...	310	260	240
Jhelum ...	160	120	120
Peshávar ...	80	49	48
Bannu ...	74	60	60

duced.

curable.

not received.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICT

1	14					
	QUANTITIES PER RUPEE BY					
	Salt.					
	Present fortnight ending 31st January 1898.		Past fortnight ending 15th January 1898		Corresponding fortnight of 1897.	
DISTRICTS.	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 4	11 0	11 4	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	13 4	12 0	12 0	11 0
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 12
Simla ‖	...	...	9 0	8 8	10 0	9 0
Kángra	*	11 0	*	11 0	*	10 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	12 8	12 8	13 0	13 0	13 0
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	12 4	12 4	12 4	12 4	13 0	12 8
Jhang	12 4	12 0	12 8	12 0	12 4	12 0
Montgomery	12 12	12 8	12 12	12 8	12 8	12 0
Lahore	13 6	12 12	13 6	12 12	13 5	13 1
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 8
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	13 12	13 8	13 12	13 8	13 8	13 0
Shahpur	13 8	13 8	13 8	13 0	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	13 12	14 0	13 12	13 12	13 10
Hazára	*	11 8	*	11 8	*	11 8
Peshávar	16 0	15 0	17 0	16 0	20 0	19 0
Kohát	19 0	17 9	17 9	15 2	23 14	21 0
Bannu	22 8	20 0	22 8	20 0	23 0	22 0
D. I. Khan	16 0	15 0	16 0	15 0	18 0	17 0
D. G. Khan	11 4	12 8	12 8	11 4	16 0	15 0
Muzaffargarh	*	12 0	*	12 0	*	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro
‖ Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST JANUARY 1898—concluded.

15			16			1	
THE ORDINARY SEER OF 80 TOLAS.							
Gur.			*Cotton (unginned).*				
Present fortnight ending 31st January 1898.	Past fortnight ending 15th January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st January 1898.	Past fortnight ending 15th January 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs. C	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.		
11 0	12 0	12 8	7 0	7 0	8 0	Hissar.	
12 0	14 0	14 0	9 8	10 0	9 0	Rohtak.	
11 0	12 0	13 0	9 0	9 0	9 0	Gurgaon.	
10 0	10 0	11 0	9 8	9 8	9 0	Delhi.	
12 0	14 0	14 0	11 0	11 0	10 0	Karnál.	
10 12	11 0	11 0	11 0	11 0	9 8	Umballa.	
...	6 0	8 8	...	†	†	Simla. ‖	
8 0	8 8	10 0	6 0	6 0	6 0	Kángra.	
9 0	9 8	11 8	10 0	10 0	8 0	Hoshiárpur.	
10 0	10 0	11 0	11 0	11 0	9 0	Jullundur.	
8 12	8 0	9 0	8 8	7 8	7 8	Ludhiána.	
9 4	9 4	9 12	9 12	9 12	8 12	Ferozepore.	
8 8	8 0	8 8	8 8	8 8	8 0	Mooltan	
11 0	10 0	11 0	11 0	11 8	10 0	Jhang.	
9 8	10 0	10 4	10 0	9 0	10 0	Montgomery.	
9 8	9 8	10 4	9 8	9 4	8 10	Lahore.	
10 0	10 0	11 0	9 12	9 12	8 12	Amritsar.	
11 0	11 0	12 0	10 0	10 0	8 0	Gurdáspur.	
10 0	10 0	12 0	8 8	8 8	8 8	Siálkot.	
9 8	9 8	10 0	8 0	8 0	9 0	Gujrát.	
9 6	9 2	12 0	10 0	9 8	10 0	Gujránwála.	
9 0	9 0	10 0	9 0	9 0	10 0	Shahpur.	
9 8	9 8	11 0	‡	‡	8 0	Jhelum.	
9 8	8 12	10 12	8 12	8 12	8 12	Ráwalpindi.	
7 8	7 8	8 8	§	§	§	Hazára.	
8 0	7 12	8 10	8 6	8 6	9 4	Peshávar.	
8 10	7 12	9 15	11 8	12 6	10 13	Kohát.	
14 6	13 7	13 8	8 12	8 12	10 0	Bannu.	
10 10	9 6	11 4	11 4	11 4	11 4	D. I. Khan.	
7 6	7 8	7 8	8 12	8 12	11 4	D. G. Khan.	
8 0	8 4	9 0	8 0	8 0	8 0	Muzaffargarh.	

REMARKS ON CURRENT VARIATIONS.

Lahori Salt.—Prices average 12 seers 6 chatáks as compared with 12 seers 6 chatáks in last fortnight and 12 seers 4 chatáks in corresponding period of 1897. The chief variations in each Division are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Delhi ...	11 0	12 0	12 0
Kángra ...	10 0	11 0	11 0
Montgomery ...	12 0	12 8	12 8
Gujránwála ...	13 0	13 8	13 8

Kohát Salt.—Prices average 16 seers as compared with 15 seers 8 chatáks in last fortnight and 18 seers 13 chatáks in corresponding period of 1897. The following are the chief variations :—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Peshάwar ...	19 0	16 0	15 0
D. G. Khan ...	15 0	11 4	12 8

Gur.—Prices average 9 seers 11 chatáks as compared with 9 seers 13 chatáks in last fortnight and 10 seers 13 chatáks in corresponding period of 1897. The chief variations in each Division are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Karnál ...	14 0	14 0	12 0
Hoshiárpur ...	11 8	9 8	9 0
Amritsar ...	11 0	10 0	10 0
Gujránwála ...	12 0	9 2	9 6
Kohát ...	9 15	7 12	8 10
Muzaffargarh	9 0	8 4	8 0

Cotton (unginned).—Prices average 9 seers 6 chatáks as compared with 9 seers 5 chatáks in last fortnight and 9 seers 1 chaták in corresponding period of 1897. The chief variations in each Division are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Umballa ...	9 8	11 0	11 0
Jullundur ...	9 0	11 0	11 0
Gurdáspur ...	8 0	10 0	10 0
Shahpur ...	10 0	9 0	9 0
Peshάwar ...	9 4	8 6	8 6
D. G. Khan ...	11 4	8 12	8 12

sale salt sold.
duced.

curable.
not received.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUA

1	2	3	4	5	6	7	8	9	10	11	12
	WHOLESALE PRICE PER MAUND OF 82										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A.
Delhi	2 8 0	3 10 2	3 10 2	2 1 8	2 0 0	2 0 0	2 1 8	3 7 8	4 11 3	4 7 1	4 0
Ferozepore ...	2 0 0	9 0 0	3 4 0	2 4 0	2 3 0	2 3 0	2 2 0	3 4 0	5 12 0	4 8 0	5 5
Mooltan	1 13 0	3 5 4	3 8 10	2 0 0	2 5 9	2 8 0	2 3 6	3 10 2	...	5 0 0	4 0
Lahore	2 4 0	4 0 0	2 15 10	2 3 0	2 2 6	2 2 6	2 2 6	3 2 8	5 8 3	4 1 8	3 10
Amritsar	2 8 0	4 9 2	3 1 3	...	2 1 8	...	2 2 10	3 4 3	...	...	3 14
Ráwalpindi ...	2 8 0	5 5 4	3 3 3	2 2 7	2 1 8	2 6 9	2 3 6	3 9 0	6 0 7	3 13 0	4 8

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 31ST JANUARY 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
OR 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.
20 0 0	5 0 0	3 11 6	10 10 8	32 0 0	4 1 8	8 0 0	12 4 11	...	0 10 8	0 14 3	0 8 0	125	60 0 0
5 12 0	5 0 0	4 0 0	11 0 0	31 0 0	3 8 0	5 0 0	11 0 0	30 0 0	0 7 0	0 8 0	0 7 0	75	50 0 0
6 10 6	4 7 0	4 7 0	11 6 10	32 0 0	3 12 9	10 0 0	13 5 4	...	0 5 4	0 9 0	0 6 5	70	50 0 0
5 8 0	4 1 3	4 1 8	12 8 9	32 13 6	3 9 0	5 11 5	12 4 11	31 0 0	1 0 0	0 8 0	...	105	100 0 0
...	4 11 4	3 12 11	11 6 10	...	3 7 8	...	...	...	...	0 9 2	...	...	...
5 8 0	5 0 0	4 1 6	14 8 0	29 1 6	3 7 8	4 0 0	10 0 0	29 0 0	0 8 0	0 9 10	0 10 8	60	55 0 0

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of December* 1897 *as compared with the same month of the previous year.

	Staples.	Total 1897.	Total 1896.	Increase.	Decrease.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
I	Coal and Coke carried for the Public and Foreign Railways	5,159	1,932	3,227	...	
II	Cotton, Raw—					
	(1) Full pressed	7,532	7,747	...	215	
	(2) Intermediate and half pressed ...	0	493	...	484	
	(3) Unpressed	1,516	1,752	...	236	
III	Cotton, Manufactured—					
	(1) Twist and Yarn, European ...	284	374	...	90	
	(2) Twist and Yarn, Indian ...	611	669	...	58	
	(3) Piece-goods, European ...	2,195	809	1,386	...	
	(4) Piece-goods, Indian	1,215	1,644	...	429	
IV	Drugs and Chemicals—					
	(1) Intoxicating other than opium ...	32	22	10	...	
	(2) Non-intoxicating—					
	(a) Cinchona bark	...	...	...	...	
	(b) Others	15	42	...	27	
V	Dyes and Tans—					
	(1) Indigo	139	181	...	42	
	(2) Myrabolams	39	33	6	...	
	(3) Cutch	14	5	9	...	
	(4) Turmeric	102	98	4	...	
	(5) Aniline dyes	76	66	10	...	
	(6) Others	381	462	...	81	
VI	Grain and Pulse—					
	(1) Wheat	5,550	3,368	2,182	...	
	(2) Rice in the husk	922	1,497	...	575	
	(3) Rice not in the husk	3,669	1,482	2,187	...	
	(4) Jowár and Bájra	21,017	13,597	7,420	...	
	(5) Gram and Pulse	2,664	4,952	...	2,288	
	(6) Others	15,680	12,921	2,759	...	
VII	Hides and Skins—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	64	164	...	100	
	(b) Raw	384	272	112	...	
	(2) Skins of sheep, &c.—					
	(a) Dressed or tanned ...	13	52	...	39	
	(b) Raw	393	300	93	...	
VIII	Horns	1	24	...	23	
IX	Jute—					
	(1) Raw	224	287	...	63	
	(2) Gunny bags and cloth	1,629	1,248	381	...	
X	Lac—					
	(1) Stick	10	13	...	3	
	(2) Shell	16	10	6	...	
XI	Leather, Manufactured	47	50	...	3	
XII	Liquors—					
	(1) Beer	228	238	...	10	
	(2) Spirits	...	47	...	47	
	(3) Wines	65	56	9	...	
XIII	Metals—					
	(1) Copper, unwrought	80	94	...	14	
	(2) Brass, unwrought	242	211	31	...	
	(3) Copper, wrought	21	30	...	9	
	(4) Brass, wrought	182	123	59	...	
	(5) Iron	2,208	2,651	...	443	
	(6) Others	135	290	...	155	
XIV	Oils—					
	(1) Kerosene	556	527	29	...	
	(2) Castor	40	49	...	9	
	(3) Cocoanut	138	56	82	...	
	(4) Others	209	167	42	...	

	Staples.	Total 1897.	Total 1896.	Increase.	Decrease.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
XV	Oil-seeds—					
	(1) Linseed	134	178	...	44	
	(2) Rape and Mustard	1,167	613	554	...	
	(3) Til or Jinjili	6,823	2,297	4,526	...	
	(4) Poppy	677	148	529	...	
	(5) Earthnuts	...	57	...	57	
	(6) Castor	469	556	...	87	
	(7) Others	4,936	5,405	...	469	
XVI	Opium	192	159	33	...	
XVII	Paper and Paste-board	56	55	1	...	
XVIII	Provisions—					
	(1) Ghi	524	729	...	205	
	(2) Dried Fruits and Nuts ...	944	779	165	...	
	(3) Others	2,992	1,602	1,390	...	
XIX	Railway Plant and Rolling Stock carried for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders and parts thereof	686	657	29	...	
	(2) Carriages and trucks and parts thereof	8	23	...	15	
	(3) Materials—					
	(a) Steel rails and fish-plates ...	349	2,133	...	1,784	
	(b) Sleepers and keys of steel and cast-iron	201	2,460	...	2,259	
	(c) Other sorts	672	6,030	...	5,358	
XX	Salt	23,765	27,436	...	3,671	
XXI	Saltpetre, &c.—					
	(1) Saltpetre	1,113	1,043	70	...	
	(2) Other saline substances ...	168	20	148	...	
XXII	Silk, Raw—					
	(1) Foreign	14	33	...	19	
	(2) Indian	...	...	...	...	
XXIII	Silk Piece-Goods—					
	(1) Foreign	1	1	...	...	
	(2) Indian	...	...	...	...	
XXIV	Spices—					
	(1) Betelnuts	82	60	22	...	
	(2) Pepper	26	168	...	142	
	(3) Ginger	46	48	...	2	
	(4) Chillies	439	195	244	...	
	(5) Cardamoms	4	6	...	2	
	(6) Others	176	294	...	118	
XXV	Stone and Lime	2,184	2,255	...	71	
XXVI	Sugar—					
	(1) Refined or crystallized, including sugarcandy.	5,884	4,892	992	...	
	(2) Unrefined, *viz.*, molasses and jaggery or gur and other saccharine produce.	12,871	14,625	...	1,754	
XXVII	Tea—					
	(1) Foreign	78	15	63	...	
	(2) Indian	78	82	...	4	
XXVIII	Timber	1,139	1,314	...	175	
XXIX	Tobacco—					
	(1) Unmanufactured	816	778	38	...	
	(2) Manufactured—					
	(a) Cigars	1	31	...	30	
	(b) Other sorts	259	29	230	...	
XXX	Wool, Raw	421	387	34	...	
XXXI	Wool, Manufactured—					
	(1) Piece-goods, European ...	245	42	203	...	
	(2) Piece-goods, Indian	17	10	7	...	
	(3) Shawls	1	...	1	...	
XXXII	All other articles of merchandise—					
	(1) Firewood	1,567	1,087	480	...	
	(2) Hay and Grass	6	15	...	9	
	(3) Mowra flowers and seeds ...	170	233	...	63	
	(4) Others	14,077	12,050	2,027	...	
	Total ...	162,184	152,135	31,830	21,781	
	Net Increase ...	...	...	10,049	...	

Traffic Audit Office,
Ajmere:
The 24th January 1898.

R. A. ENGLISH,
Chief Auditor and Accountant.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 22nd January 1898 on 160·47 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic Train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	*79,231	*58,954 13 0	79,221 30	12,528 13 0	72 0 0	71,555 10 0	8,579	4,368	12,947
Or per mile of Railway	...	367 6 3	...	78 1 2	0 7 2	445 14 7	...	...	...
For previous 2$\frac{1}{7}$ weeks of half-year	34,185	28,811 3 0	1,75,967 30	24,562 10 0	171 0 0	53,544 13 0	14,989	7,055	22,044
Total for 3$\frac{1}{7}$ weeks ...	113,416	87,766 0 0	2,55,189 20	37,091 7 0	243 0 0	1,25,100 7 0	23,568	11,423	34,991
COMPARISON.									
Total for corresponding week of previous year ...	15,499	11,315 5 8	73,979 30	8,628 3 0	72 12 3	20,016 4 11	6,306	3,031	9,937
Per mile of Railway corresponding week of previous year.	...	70 8 3	...	53 12 3	0 7 3	124 11 9	...	...	...
Total for corresponding 3$\frac{3}{7}$ weeks of previous year ...	49,005½	37,079 3 11	2,18,862 30	27,951 2 0	213 8 3	65,243 14 2	21,511	10,357	31,868

*The increase is due to traffic in connection with Sun Eclipse and " Magh Mela.".

EAST INDIAN R[illegible]WAY,
AUDIT OFFICE:
The 27th January 1898.

T. BASHFORD,
Acting Chief Auditor.

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF DECEMBER 1897.

MONTH.	DOCUMENTS REGISTERED.			Total collections, inclusive of copying fees.	Total expenditure, inclusive of that paid out of copying fees.	REMARKS.
	Compulsory.	Optional.				
		Relating to immoveable property.	Others.			
				Rs.	Rs.	
December 1897	5,179	2,583	667	20,314	8,090	
December 1896	6,808	4,010	825	27,968	9,284	
Difference ...	— 1,629	— 1,427	— 158	— 7,654	— 1,194	
First nine months of 1897-98 ...	84,115	40,393	6,920	3,11,608	94,919	
First nine months of 1896-97 ...	71,313	35,013	7,873	2,81,829	87,457	
Difference ...	+ 12,802	+ 5,380	— 953	+ 29,779	+ 7,462	

G. C. WALKER,

Inspector-General of Registration, Punjab.

OFFICE OF INSPR.-GENL. OF REGTN., PUNJAB, LAHORE:
The 31st January 1898.

Punjab Government Press, Lahore—10-2-98—690.

No. 7 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, FEBRUARY 17, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 15th FEBRUARY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	0·60 at Sadr ... 0·37 in Hansi 0·30 in Bhiwáni. 0·01 in Fatehabad. 0·90 in Budhlada. 0·99 in Sirsa.	1. Sufficient ... 2. Good.	Wheat 12 seers ... Gram 13 seers. Bájra 23 seers.	...	Rainfall proved very useful to gram, barley and wheat crops. Prospects of Canal crops good.
2	Delhi ...	2·83 at Sadr ...	1. Sufficient ... 2. Fair.	Wheat 10¾ seers Gram 11½ seers. Bájra 20 seers.	...	Very beneficial to standing crops.
3	Umbalia ...	8·04 at Sadr ... 3·62 in Jagádhri. 3·60 in Naráingarh. 5·43 in Kharar. 4·34 in Rúpar.	1. Sufficient ... 2. Good.	Wheat 11½ to 12½ seers. Gram 12 to 12½ seers. Maize 22½ seers.		Rain has done much good to wheat crop. Prospects good.
4	Jullundur ...	Good rainfall throughout.	1. Sufficient ... 2. Good.	Wheat 14 seers ... Gram 13 seers. Maize 22 seers.	...	Condition of standing crops good. Stock of food-grain sufficient.
5	Ferozepore ...	1·33 at Sadr 1·28 in City. 2·11 in Moga. 2·46 in Zíra. 1·01 in Muktsar. 1·18 in Fázilka. 0·90 in Nathána. 0·92 in Jalalabad.	1. Sufficient ... 2. Good.	Wheat 13 seers ... Gram 13 seers. Barley 19 seers. Jowár 19 seers. Maize 19 seers.	...	Stocks of food-grain sufficient.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	0·97 at Sadr ... 1·24 in Mailsi. 1·40 in Lodhrán. 1·43 in Shujabad. 0·84 in Kabírwála.	1. Sufficient ... 2. Good.	Wheat, 2nd quality, 11 seers.	...	Crops in good condition.
7	Lahore ...	2·64 at Sadr ... 1·15 in Chunián. 1·21 in Kasúr. 0·77 in Sharakpur.	1. Sufficient ... 2. Good.	Wheat 12 to 12½ seers. Maize 17½ to 19¼ seers.	Sugarcane is being pressed.	Recent rain has done immense good to crops and there is every hope of its success now.
8	Amritsar ...	3·11 ave age ...	1. Scarce in Ajnála. 2. Good.	Wheat 13¾ seers. Maize 18¾ seers.	Sugarcane is being pressed.	Extra rabi sowings in progress. Stocks of food-grain sufficient.
9	Siálkot ...	2·10 average ...	1. Scarce ... 2. Poor.	Wheat 12½ to 14 seers. Rice 10 to 10½ seers.	Pressing of sugar cane continues.	Prospects of crops improved.
10	Shahpur ...	1·10 at Sadr ... 0·79 in Bhera. 0·71 in Khusháb.	1. Sufficient ... 2. Good.	Wheat 13½ to 15 seers. Bájra 18 to 19 seers.	...	Every hope of a bumper harvest.
11	Ráwalpindi ...	0·68 at Sadr ... 0·53 in Pindigheb. 0·65 in Fatahjang. 0·96 in Attock. 0·96 in Gujar Khan 0·84 in Kahúta. 0·81 in Murree.	1. Sufficient ...	Falling ... Wheat 14 seers. Bájra 19 seers. Maize 21 seers.	...	Prospects good. Stock of grain sufficient.
12	Pesháwar ...	1·17 ...	1. Sufficient ... 2. Good.	Wheat $12\frac{1}{16}$ seers Maize $20\frac{5}{16}$ seers.	Sugarcane still being pressed in parts and gur in preparation. Outturn average.	Recent rain benefited the standing crops. Stock of food-grains sufficient.
13	D. I. Khan ...	3·86 at Sadr ... 0·23 in Bhakkar. 0·51 in Leiah. 0·49 in Sheikh Budín.	1. Scarce in Leiah. 2. Lean in Leiah for want of fodder.	Wheat $14\frac{11}{16}$ seers. Bájra 20 seers.	...	Rain has greatly benefited the standing crops.

GENERAL REMARKS.

Rainfall.—Rain has fallen all over the Province averaging from ¾ of an inch to 5 inches.

Prices.—Rising slightly in Pesháwar, unchanged in Delhi, Mooltan and Lahore and falling elsewhere. Wheat is selling from 10¾ to 15, gram 11½ to 13, barley 19, bulrush millet 18 to 23, maize 17½ to 22½ and great millet 19 and rice 10 to 10½ seers per rupee.

Agricultural operations.—Sugarcane pressing is still going on in some districts. Extra spring crops are being sown in Amritsar.

Crops and outturn.—Recent rains have benefited the crops and improved their condition in all districts. Good harvests are expected. Stocks of food-grain sufficient.

Agricultural stock.—Cattle are generally in good condition except in Siálkot and parts of Dera Ismail Khan.

Pasturage.—Fodder scarce in Siálkot and parts of Amritsar and Dera Ismail Khan and sufficient elsewhere.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1898.

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st January.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st January 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Hissar.	Sirsa	1·34	...	0·55	0·04	0·20	...	0·20	Rainfall of the month is very slight. Baráni crops suffering for want of rain, which is most urgently needed. Canal crops in good condition. Fodder sufficient. General health of the district good. Grain being exported in large quantities to Ahmedabad.
	Fatahabad	1·38	...	0·88	...	...	...	...	
	Hissar	1·40	...	0·58	0·03	0·30	...	0·30	
	Hánsi	1·24	...	0·78	...	0·48	...	0·48	
	Bhiwáni	1·03	...	0·57	...	0·53	...	0·53	
	Budhláda	...	...	...	...	0·47	...	0·47	
	Tohána	...	...	...	...	0·19	...	0·19	
Jind State.	Dhaneta (*c*)	...	...	...	...	...	...	...	
	Safidon (*c*)	...	...	...	...	0·50	...	0·50	
	Jind (*c*)	...	...	...	...	...	...	...	
Bikaner State.	Channi (*c*)	...	...	...	...	0·70	...	0·70	
Rohtak.	**Rohtak**	1·34	...	0·48	...	...	...	...	Prospects of well-irrigated lands and lands that have had a sufficiency of canal water are good. Crops on unirrigated lands are withering for want of rain. Sugarcane continues to be cut, and mills are at work extracting juice. The yield will be a 16-anna one. Health of people good. Fodder plentiful. Old stocks of grain have almost run out. Prices of food-grains are as follows :— Wheat ... 11 seers per rupee. Gram ... 12 " " Jowár ... 22 " " Bájra ... 21 " "
	Gohana	1·52	...	0·75	...	...	...	...	
	Sámpla	1·29	...	0·71	...	...	...	...	
	Jhajjar	1·17	...	0·64	...	...	...	...	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1898—(CONTINUED).

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st January.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st January 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
GURGAON.	Farukhnagar ...	...	...	...	...	...	...	...	The important Mahawat rains appear to have failed. The standing crops require rain urgently, and the prospects of rabi appear gloomy. Crops everywhere except on well and canal lands are partially withering on account of high west winds. Wells and canal irrigation are fully resorted to. The area under wheat crop as compared with that of last year is estimated as follows :— Irrigated 96 or 31,800 acres. Unirrigated 106 or 23,800 acres. Cane is still being pressed in Núh Tahsil, and ploughings for next kharif are in progress. General health good. Prices are slightly rising, and now stand thus— Wheat ... 10¾ to 11¼ seers. Barley ... 19 seers. Jowár ... 20 seers. Bájra ... 20 seers. Gram ... 11½ seers.
	Játusána ...	...	...	...	...	...	...	...	
	Rewári ...	1·10	...	0·51	...	...	...	...	
	Shahjahánpur ...	...	...	...	...	0·80	...	0·80	
	Tauru ...	...	...	...	...	0·34	...	0·34	
	Núh ...	1·04	...	0·45	...	...	...	...	
	Fírozpur ...	0·76	...	0·31	...	...	...	...	
	Hodal ...	...	...	...	...	...	...	...	
	Hattín ...	...	...	...	...	0·32	...	0·32	
	Palwal ...	1·30	...	0·43	...	...	...	...	
	Sohna ...	...	...	...	...	...	...	...	
	Gurgaon ...	1·68	...	0·80	...	...	...	...	
	Punahána ...	...	...	...	...	...	...	...	
DELHI.	Ballabgarh ...	1·19	...	0·51	...	...	...	...	No rain during the month. Condition of spring crops on baráni area poor owing to failure of winter rains. Rain badly wanted. Health of people fair. Prices high, except bájra and other coarse grains. Stocks and fodder sufficient.
	Mahrauli ...	...	...	...	...	...	...	...	
	Sadr (Delhi) ...	2·02	...	1·01	...	...	...	...	
	Sonepat ...	1·46	...	0·78	...	0·20	...	0·20	
KARNAL.	Pánipat ...	1·74	...	0·76	...	0·03	...	0·03	No rain fell during the month and is badly wanted. The crops on unirrigated area are in a precarious condition and in some tracts beyond hope. The prices are— Wheat ... 10 seers, Gram ... 10 " Barley ... 17 " Bájra ... 19 " Maize ... 19 " and Jowár ... 20 " Fodder available. Health of people fair.
	Karnal ...	2·19	...	1·33		...	...	...	
	Rajaund ...	...	...	...	...	...	...	...	
	Kaithal ...	1·39	...	0·98	...	0·05	...	0·05	
	Gulah ...	...	...	...	...	0·10	...	0·10	
	Thanesar ...	1·87	...	1·14	...	0·04	...	0·04	
UMBALLA.	Jagádhri ...	3·33	...	2·29	0·19	0·23	...	0·23	Rain is badly needed for rabi crops. Baráni crops are suffering from want of rain. Health of people good. Fodder green, getting scarce, dry sufficient. Prices— Wheat ... 11½ to 12 seers per rupee. Gram ... 11¼ to 11¾ " " Maize ... 20½ " "
	Umballa ...	2·15	...	1·19	0·05	0·25	...	0·25	
	Naráingarh ...	2·94	...	1·69	0·13	0·15	...	0·15	
	Kharar ...	2·97	...	1·77	0·19	0·36	...	0·36	
	Rúpar ...	2·87	...	1·62	0·34	0·64	...	0·64	
	Dádupur (*c*) ...	...	...	...	0·30	0·40	...	0·40	
PATIALA.	Kotra (*c*) ...	...	...	...	...	...	...	...	
	Jodhpur (*c*) ...	...	...	...	...	0·18	...	0·18	
	Ráníki (*c*) ...	...	...	...	0·25	0·25	...	0·25	
	Lehal (*c*) ...	...	...	...	0·13	0·13	...	0·13	
	Gujran (*c*) ...	...	...	...	...	0·20	...	0·20	
	Barthála (*c*) ...	...	...	...	0·38	0·63	...	0·63	
NABHA STATE.	Dadahur (*c*) ...	...	...	...	0·50	0·50	...	0·50	
	Bundher (*c*) ...	...	...	...	...	...	...	...	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1898—(CONTINUED).

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st January.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st January 1898.	1st April 1898 to 30th Septr. 1898.	Total.	Condition of crops and cattle, and health of people.
Simla.	Kasauli ...	3·87	...	2·16	0·60	1·04	...	1·04	Statement not received.
	Bharauli ...	4·05	...	2·56	0·64	1·31	...	1·31	
	Simla ...	3·80	...	1·50	0·79	1·53	...	1·53	
	Kot Khái ...	4·23	...	2·02	0·58	0·58	...	0·58	
	Kotgarh ...	4·51	...	2·18	1·40	2·05	...	2·05	
	Kilba ...	...	...	...	...	...	...	...	
Kangra.	Plách ...	5·97	...	3·47	2·17	4·17	...	4·17	There has not been a sufficient rainfall during the month, consequently the crops on unirrigated areas have suffered and in many places the seed sown last month on unirrigated lands have not germinated. The prices of food-grains are stationary. The stock of food-grains and fodder is sufficient. The health of the public continues good.
	Kulu ...	8·34	...	4·94	2·62	4·33	...	4·33	
	Nagar ...	3·47	...	?	2·52	4·49	...	4·49	
	Pálampur ...	8·64	...	5·34	1·69	2·49	...	2·49	
	Hamírpur ...	4·85	...	3·23	0·54	0·90	...	0·90	
	Dera ...	4·19	...	2·75	0·54	0·54	...	0·54	
	Kángra ...	4·68	...	2·82	0·64	1·02	...	1·02	
	Dharmsala ...	7·65	...	4·77	1·30	2·17	...	2·17	
	Núrpur ...	6·31	...	3·72	0·25	0·72	...	0·72	
Hoshiarpur.	Dasúya ...	2·87	...	1·74	0·30	0·57	...	0·57	Rain is much wanted. Supplies of food-grains and fodder are sufficient.
	Una ...	2·84	...	1·81	0·38	0·57	...	0·57	
	Garhshankar ...	3·10	...	1·77	0·35	0·48	...	0·48	
	Sadr Station ...	3·22	...	1·83	0·35	0·51	...	0·51	
	Hoshiárpur ...	...	...	...	0·42	0·59	...	0·59	
Jullundur.	Jullundur ...	2·21	...	1·29	0·54	0·54	...	0·54	The condition of standing crops is average, but rain is urgently needed. General health of people good.
	Nakodar ...	1·56	...	1·05	0·64	0·66	...	0·66	
	Phillour ...	2·00	...	1·13	0·37	0·43	...	0·43	
	Nawashahr ...	2·55	...	1·62	0·45	0·53	...	0·53	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1898—(CONTINUED).

Explanation :— (c) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st January.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st January 1898.	1st April 1898 to 30th Septr. 1898.	Total.	Condition of crops and cattle, and health of people.
LUDHIANA.	Samrála ...	2·13	...	1·11	0·33	0·48	...	0·48	The rainfall shown in this return has done a little good to the standing crops, but more rain is badly wanted. Irrigated crops are in good state, but the baráni crops are withering throughout the district. Health of people is good. The prices are stationary. Fodder and grain stocks are sufficient for the present.
	Ludhiána ...	2·21	...	1·26	0·55	0·57	...	0·57	
	Jagraon ...	1·41	...	0·95	0·54	0·74	...	0·74	
FEROZEPORE.	Moga ...	1·21	...	0·68	0·50	0·87	...	0·87	The rain, which fell in the end of January all over the district, has done good to the standing crops. Certain rabi crops were reported to be damaged in Tahsíl Fázilka by caterpillar. Stocks of food-grains and fodder sufficient. The average prices of the food-grains during the month were— Wheat ... [illegible]2 seers per rupee. Gram ... [illegible]2 " " Barley ... [illegible]5½ " " Jowár ... [illegible]8 " " Maize ... 1[illegible]½ " " Health of people has been generally good throughout the district.
	Zíra ...	1·26	...	0·82	0·76	1·01	...	1·01	
	Ferozepore Sadr ...	1·21	...	0·69	0·58	1·13	...	1·13	
	Ferozepore City ...	...	...	...	0·37	0·99	...	0·99	
	Muktsar ...	0·62	...	0·29	0·81	1·02	...	1·02	
	Fázilka ...	...	...	...	0·48	0·53	...	0·53	
	Nathána ...	...	...	...	0·68	0·71	...	0·71	
	Jalálabad ...	...	...	...	0·34	0·69	...	0·69	
	Gobindgarh (c) ...	...	...	...	0·50	0·50	...	0·50	
	Phidda (c) ...	...	...	...	...	...	...	...	
MOOLTAN.	Mailsi ...	0·36	...	0·18	0·59	0·89	...	0·89	Condition of rabi crops fair. Health of people good. Stock of food-grain and fodder sufficient. Prices high. Common staple food-grain, second quality, 11 seers.
	Lodhrán ...	0·54	...	0·43	0·65	0·83	...	0·83	
	Shujabad ...	0·38	...	0·20	0·14	0·54	...	0·54	
	Mooltan ...	0·52	...	0·32	0·15	0·63	...	0·63	
	Kabírwála ...	0·46	...	0·37	0·08	0·78	...	0·78	
JHANG.	Shorkot ...	0·61	...	0·41	0·10	0·69	...	0·69	Rabi crops generally good. Rain wanted. Fodder sufficient. Health of people generally good. Canal stopped for clearance form 1st to 25th January 1898. No river inundation.
	Jhang ...	0·66	...	0·42	...	1·03	...	1·03	
	Chiniot ...	0·81	...	0·49	...	1·21	...	1·21	
	Badwáli (c) ...	...	...	...	...	...	...	...	
	Tirkhani (c) ...	...	...	...	...	...	...	...	
	Murídwála (c) ...	...	...	...	...	...	...	...	
	Khewra (c) ...	...	...	...	0	1·00	...	1·00	
	Laklani (c) ...	...	...	...	0	0·80	...	0·80	
	Lyallpur (c) ...	...	...	...	0·50	1·40	...	1·40	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1898—(CONTINUED).

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st January.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st January 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
MONTGOMERY.	Gugera ...	0·63	...	0·41	0·21	1·36	...	1·36	Condition of rabi crops good. More rain required. Fodder procurable. Food-grain supply sufficient. Health of people good.
	Montgomery ...	**0·60**	...	**0·28**	**0·29**	**0·75**	...	**0·75**	
	Pákpattan ...	0·56	...	0·28	0·29	0·29	...	0·20	
	Dipálpur ...	0·73	...	0·43	0·65	1·14	...	1·14	
	Sandyanwala (*C*) ...	...	...	...	...	...	...	...	
LAHORE.	Van (*C*) ...	1·65	...	0·96	0·35	1·35	...	1·35	Rain badly wanted to improve the condition of báráni as well as irrigated crops, Canal supply being insufficient. A very considerable area has even received first watering after sowing. Present condition of crops good to average. Fodder sufficient. Grain stock sufficient with sáhúkárs generally and with zamíndárs of canal-irrigated tracts particularly.
	Chunián ...	1·02	...	0·58	0·42	1·28	...	1·28	
	Kasúr ...	0·91	...	0·43	0·45	1·40	...	1·49	
	Pambe (*C*) ...	1·34	...	0·80	0·15	1·35	...	1 35	
	Sharakpur ...	0·98	...	0·64	0·08	1·73	...	1·73	
	Niáz Beg (*C*) ...	2·10	...	1·15	0·10	1·48	..	1·48	
	Lahore ...	**1·54**	...	**0·66**	**0 07**	**1·30**	...	**1 30**	
	Meean Meer (*C*) ...	2·45	...	1·24	0·12	1·45	...	1·45	
	Manihála (*C*) ...	1·45	...	0·95	0·35	0·73	...	0 73	
	Dafthu (*C*) ...	...	...	...	0·20	0·50	...	0 50	
	Nijábat (*C*) ...	...	...	...	0·46	0·86	...	0 86	
AMRITSAR.	Buchar (*C*) ...	1·81	...	1·09	0·21	1·11	...	1·11	The rain has not been sufficient, but it has been of great benefit. The crushing of sugarcane crop has been nearly finished. The rabi crops on irrigated lands are excellent. They are good on unirrigated lands in the Amritsar and Tarn Táran Tahsíls, but unless more rain falls, much of it will get dried. The unirrigated crops in the Ajnála Tahsíl are suffering for want of rain. The state of crops in Bet villages and the villages between Sakki and Rávi is bad. Fodder sufficient except in a part of the Ajnála Tahsíl, where cattle are poorly fed and are overworked. Health of people is generally good. Prices are as follows :— Wheat ... ... 13 seers per rupee. Gram ... ... 12½ " " Barley ... ... 17 " " Maize ... ... 18¼ " " Jowár ... ... 19 " "
	Khara (*C*) ...	0·97	...	0·59	0·38	0·42	...	0·42	
	Tarn Táran ...	1·79	...	1·21	0·27	0·63	...	0·63	
	Raya (*C*) ...	2·23	...	1·36	0·32	0·36	...	0 36	
	Jail Hospital ...	**2·27**	...	**1·17**	**0·20**	**0·84**	...	**0·84**	
	Amritsar (*C*) ...	...	...	...	0·13	0·71	...	0·71	
	Buggeh (*C*) ...	1·95	...	1·11	0	0·45	...	0·45	
	Ajnála ...	1·70	...	1·06	0·13	0·78	...	0 78	
GURDASPUR.	Aliwál (*C*) ...	2·09	...	1·69	0·16	0·77	...	0·77	Health of people good. Rain badly wanted. Condition of crops at present fair, except in Chaks Bharreri and Bangar, where they have suffered owing to drought.
	Batála ...	2 87	...	1·87	0·22	0·72	...	0·72	
	Tibri (*C*) ...	3·14	...	1·74	0·25	0·75	...	0·75	
	Gurdaspur ...	**2·68**	...	**1·54**	**0·21**	**0·87**	...	**0 87**	
	Pathánkot ...	3·99	...	2·59	0·38	0 91	...	0·91	
	Dalhousie ...	5 87	...	2 28	1·07	2·47	...	2·47	
	Mádhopur (*C*) ...	6·01	...	3·68	0·16	0 75	...	0·75	
	Shakargarh ...	3·17	...	1·92	0·08	0·94	...	0 94	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1898—(CONTINUED).

Explanation:—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st January.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st January 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
SIALKOT.	**Zafarwál** ...	2·64	...	1·67	0·08	0·81	...	0·8:	Practically no rain again this month. Crops on irrigated lands in good condition. Fodder is scarce and in some parts of the district cattle are being fed on sugarcane. Rain badly wanted both for crops and fodder. Prices are nearly stationary. Stock of grain insufficient
	Pasrúr ...	2·85	...	1·50	0·22	0·58	...	0·58	
	Raya ...	2·05	...	1·17	0	0·46	...	0·46	
	Daska ...	2·34	...	1·20	0·06	0·90	...	0·90	
	Siálkot ...	2·70	...	1·50	0·43	0·98	...	0·98	
GUJRAT.	**Gujrat (Sadr)** ...	3·00	...	1·56	0·32	1·20	...	1·20	The rain which fell during the month has slightly benefited the rabi crops. The condition of the crops on the cháhi and sailábi lands is good, but the condition on the báráni lands is poor. Rain badly wanted. Fodder procurable in some parts of the district. Where, however, it does not exist the people have to purchase or borrow it from the neighbouring villages. Stock of grain exists with sáhúkárs of important towns. Prices rising.
	Khárián (Lála Musa)	3·19	...	1·95	0·27	1·82	...	1·82	
	Phália ...	2·23	...	1·25	0·25	1·70	...	1·70	
GUJRANWALA.	Rámnagar ...	1·52	...	1·12	0·59	2·39	...	2·39	Condition of crops on canal-irrigated area good, elsewhere average. Rain badly wanted. Fodder scarce, except in new colony. Sugarcane and leaves of kíkar trees being used as fodder in some places. Health of people generally good. Prices of food-grain stationary.
	Wazírabad ...	2·54	...	1·40	0	0·77	...	0·77	
	Sadr Kacheri (Gujranwala).	2·37	...	1·19	0	0·73	...	0·73	
	Shekhupura ...	1·33	...	0·66	0	1·30	...	1·30	
	Háfizabad ...	1·80	...	1·04	0	1·65	...	1·65	
	Khángah Dogran ...	...	...	...	0	1·27	...	1·27	
	Jalálpur (*C*) ...	...	...	...	...	...	...	...	
	Pacca Dalla (*C*) ...	...	...	...	...	...	...	...	
	Firoz (*C*) ...	...	...	...	0	1·20	...	1·20	
SHAHPUR.	Midh ...	3·00	...	2·66	0	0·35	...	0·35	No real harm has as yet been done to the rabi crops, but rain is in places badly wanted. Canal and well irrigated crops and those on Jhelum are still in excellent condition. Fodder plentiful. Health good. *Prices.* Wheat ... ... 14 seers per rupee. Barley ... ... 20 " " Gram ... ... 13½ " " Bájra ... ... 18 " " Jowár ... ... 16 " "
	Sáhiwál ...	1·52	...	0·88	0	1·00	...	1·00	
	Núrpur ...	0·88	...	0·66	0	0·92	...	0·92	
	Mitha Tiwána ...	1·[illegible]6	...	0·92	0	0·50	...	0·50	
	Sakesar ...	0·41	...	0·25	0	3·14	...	3·14	
	Naushahra ...	2·48	...	1·56	0	1·12	...	1·12	
	Khusháb ...	1·12	...	0·48	0	1·75	...	1·75	
	Shahpur ...	1·52	...	0·73	0·05	1·75	...	1·75	
	Bhera ...	1·69	...	1·13	0·10	1·59	...	1·59	
	Miáni ...	2·30	...	1·48	0	1·24	...	1·24	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1898—CONTINUED.

Explanation :—(*c*)=Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain gauge Station.	1st October to 31st January.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st January 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
JHELUM.	Pind Dádan Khan ...	2.49	...	1.45	0.15	1.78	...	1.78	Condition of crops good. Rain wanted Stock of grain sufficient. Prices of food-grain falling. Fodder sufficient. Health of people good. No inundation in river.
	Jhelum (Sadr) ...	3.20	...	1.67	1.62	3.29	...	3.29	
	Chakwál ...	2.07	...	1.26	0.33	2.04	...	2.04	
	Talagang ...	2.29	...	1.27	0.14	1.53	...	1.53	
RAWALPINDI.	Pindigheb ...	...	...	...	...	...	...	...	Statement not received.
	Fatahjang ...	...	...	...	...	...	...	...	
	Attock ...	...	...	...	...	...	...	...	
	Rawalpindi ...	...	...	...	...	...	...	...	
	Gujar Khan ...	...	...	...	...	...	...	...	
	Kahúta ...	...	...	...	...	...	...	...	
	Murree ...	...	...	...	...	...	...	...	
HAZARA.	Abbott-abad ...	6.43	...	2.95	2.28	4.02	...	4.02	Standing crops flourishing. Later sowings finished. Small flights of locusts passed over the district did no damage. Fodder and grain stocks sufficient. Prices high. Water in irrigation channels sufficient.
	Mánsehra ...	6.79	...	2.54	1.95	3.76	...	3.76	
	Haripur ...	5.15	...	2.10	1.16	1.90	...	1.90	
PESHAWAR.	Swábi ...	3.53	...	1.66	0.80	2.43	...	2.43	Rabi sowings completed. The rainfall of the month has proved beneficial to the standing crops. The condition of crops both on irrigated and unirrigated lands is generally good. In the Swábi Tahsíl a kind of blight, locally known as Gangoti in Pashtu, is destroying the mustard crops. Sugarcane is still being pressed in the Peshâwar Tahsíl, and gur is being manufactured. The outturn of gur is reported to be good in Charsadda, Nowshera and Mardán Tahsíls and average in the remaining two tahsíls. Stock of food-grains and fodder sufficient. The prices of the following articles in the Peshâwar City on the last day of the month were :—wheat $11\frac{10}{16}$, maize $19\frac{6}{16}$ seers per rupee. The Swát River Canal was closed during the month for repairs. Water in the river is diminishing, and that in other canals is sufficient.
	Lahore (Utman Bolak)	3.49	...	1.64	0.74	2.15	...	2.15	
	Nowshera ...	3.23	..	1.94	0.30	1.98	...	1.98	
	Mardán ...	3.05	...	1.70	0.73	2.37	...	2.37	
	Katlang ...	3.00	...	1.55	0.10	0.25	...	0.25	
	Hashtnagar ...	2.64	...	1.48	0	1.36	...	1.36	
	Doab Daudzai ...	2.69	...	1.51	0	1.43	...	1.43	
	Peshawar ...	2.71	...	1.58	0.03	1.35	...	1.35	
	Abazai (*c*) ...	...	...	...	0	0.90	...	0.90	
	Khán Máhi (*c*) ...	...	...	...	0	0.85	...	0.85	
	Pára Chinár (Kurram)	...	...	...	0.49	1.69	...	1.69	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1898—(CONTINUED).

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st January.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st January 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
KOHAT.	Kohát ...	3·03	...	1·27	0·10	1·23	...	1·23	There was no appreciable rainfall during the month under report, but water in the springs was sufficient. It was also sufficient in the Kohát Toi in its course through the Samilzai Tappa, but it has run short in the Baizai Tappa. No further sowings were made during the month on the unirrigated lands owing to the cessation of rain which is urgently required. The standing crops on irrigated lands are reported to be in fair condition, while those on unirrigated lands are poor for want of rain, except in the Bárak Tappa and the Darra Circle of the Teri Tahsíl and the Shakardarra Circle of the Kohát Tahsíl, where the condition of crops on such lands is about the average. Fodder for cattle was sufficient, as also stocks of food-grain, a d prices fell considerably owing to the termination of the Tirah Expedition as far as this district was concerned.
	Hangu ...	...	...	...	0	0·77	...	0·77	
	Thal ...	...	...	...	0	1·14	...	1 14	
	Band Daud Shah ...	...	...	...	0·05	0·64	...	0 64	
	Khushálgarh ...	...	...	...	0	0	...	0	
BANNU.	Miánwáli ...	0·46	...	0·85	0	0·70	...	0·70	The area covered by the rabi crops now on the ground is more than in ordinary years. The crops are good, but more rain is wanted in unirrigated tracts. Stock of grain is sufficient. Fodder ample. Prices falling. No locusts or hailstorms. Canal working well.
	Isa Khel ...	1·44	...	0·71	0·12	0·57	...	0·57	
	Bannu ...	1·29	...	0·87	0·04	0·89	...	0·89	
	Marwat ...	1·53	...	1·08	0·02	0·25	...	0·25	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JANUARY 1898—(CONCLUDED).

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st January.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st January 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Dera Ismail Khan.	Tánk	0·56	...	0·43	...	0·28	...	0·28	Condition of the standing rabi crops average. Rain wanted. Standing rabi crops in Leiah are suffering much from want of rain. Wind has slightly damaged standing crops. Health of people good. Fodder sufficient, except in Leiah Tahsíl. Prices high. Wheat 13⅛ seers and bájra 19 1/16 seers per rupee.
	Kuláchi	0·74	...	0·45	...	...	...	...	
	Dera Ismail Khan	0·87	...	0·40	...	0·23	...	0·23	
	Bhakkar	0·69	...	0·48	...	0·29	...	0·29	
	Leiah	0·63	...	0·39	...	0·20	...	0·20	
	Shekh Budín	...	...	...	...	0·40	...	0·40	
Dera Ghazi Khan.	Sanghar	0·68	...	0·48	...	0·26	...	0·26	Rabi crops flourishing. Rain required very much in northern part of the district. Health of people good Prices falling. Stock of food-grain ample. Fodder plentiful.
	Dera Ghazi Khan	0·99	...	0·62	...	0·45	...	0·45	
	Fort Munro	0·53	...	0·18	...	0·55	...	0·55	
	Jámpur	0·36	...	0·21	0·12	0·47	...	0·47	
	Rájanpur	0·23	...	0·18	0·29	0·29	...	0·29	
Muzaffargarh.	Alípur	0·41	...	0·20	0·39	0·70	...	0·70	Sugarcane being pressed. Outturn good. Rabi crops average. The small shower of rain has done some good to the rabi crops. More rain wanted. Fodder and food stock sufficient. Health of people good. In Alípur Baháwalwal Canal is yet running.
	Muzaffargarh	0·45	...	0·17	0·07	0·51	...	0·51	
	Sinánwán	0·50	...	0·22	...	0·23	...	0·23	

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P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

Table showing the Monthly and Annual Rainfall of 210 *Rainfal*

1	2	3	4	5	6	7	8	9	10
Meteorological Division.	District.	Station.	January.	February.	March.	April.	May.	June.	July.
Punjab, South.	Hissar.	Sirsa ...	0·35	0·22	0·05	0·47	0·05	0·97	4·41
		Fatahabad ...	0·08	...	0·42	...	0·09	0·96	3·96
		Hissar ...	0·15	...	0·07	0·25	0·08	1·33	3·21
		Hansi ...	0	...	0·29	0·36	0·43	1·79	2·70
		Bhiwani ...	0·44	...	0·24	0·05	0·23	0·75	2·40
		Budhlada ...	0·44	...	...	...	...	...	6·50
		Tohana ...	0	...	0·17	...	...	0·30	4·60
	Jind State.	Dhaneta *C* ...	0·15	0·21	0·65	0·59	1·45	1·10	6·71
		Safidan *C* ...	...	...	...	0·15	0·40	1·68	8·1[illegible]
		Jind *C* ...	0·25	0·15	...	0·05	0·30	0·94	1·73
	Bikaner State.	Chhani *C* ...	0·15	0·41	...	...	...	0·65	4·90
	Ferozepore.	Moga ...	0·62	0·27	...	0·80	0·07	0·77	3·70
		Zira ...	1·36	0·20	0·15	1·18	0·18	0·41	1·74
		Ferozepore Sadr ...	1·58	0·35	0·04	0·95	0·58	1·12	2·05
		Ferozepore City ...	1·71	0·33	0·05	1·57	0·45	1·36	1·60
		Muktsar ...	1·14	0·26	0·09	...	...	...	1·43
		Fazilka ...	1·60	0·08	0·04	0·24	...	0·16	0·84
		Nathana ...	0·50	0·30	0·50	0·29	...	0·25	3·54
		Jalalabad ...	2·55	0·10	0·12	0·26	...	0·15	1·79
		Govindgarh *C* ...	1·00	...	...	0·30	...	0·40	4·30
		Phidda *C* ...	1·00	...	...	0·60	...	1·10	0·80
	Montgomery.	Gugera ...	0·81	0·84	0·17	0·38	0·40	0·34	0·78
		Montgomery ...	0·71	0·54	...	0·11	0·34	0·41	0·61
		Pakpattan ...	1·78	...	...	0·59	...	...	0·57
		Dipalpur ...	1·90	0·32	0·20	0·20	0·16	...	0·80
		Sandyanwala ...	Not	erected.					
Punjab, Central.	Gurgaon.	Farukhnagar ...	...	...	0·34	...	...	2·25	5·20
		Jatusana ...	...	...	...	...	...	0·43	4·60
		Rewari ...	...	...	0·10	...	0·16	1·26	10·40
		Shahjahanpur ...	...	...	...	...	0·52	0·40	6·21
		Tauru ...	...	...	0·23	0·15	0·72	1·13	5·76
		Nuh ...	...	...	...	...	0·37	2·55	14·31
		Firozpur ...	...	...	0·40	...	0·70	1·76	7·15
		Hodal ...	...	...	0·20	...	...	1·45	10·47
		Hattin ...	...	...	0·40	0·25	0·15	1·53	7·72
		Palwal ...	...	...	0·15	0·07	0·35	1·96	5·74
		Sohna ...	...	...	...	...	0·30	3·40	5·30
		Gurgaon ...	0·05	...	0·24	...	0·53	2·22	7·25
		Punahana ...	0·06	...	0·35	...	0·30	1·42	10·96
	Rohtak.	Rohtak ...	...	...	0·11	0·18	0·95	1·35	5·98
		Gohana ...	...	...	0·24	...	0·41	2·07	5·45
		Sampla ...	...	...	0·28	...	1·30	1·92	8·30
		Jhajjar ...	...	0·02	0·43	0·04	...	1·57	4·17
	Delhi.	Ballabgarh ...	0·09	...	0·29	...	1·54	2·31	9·89
		Mahrauli ...	...	...	...	...	0·31	2·22	4·94
		Sadr (Delhi) ...	0·11	...	0·41	0·03	0·52	1·85	5·58
		Sonepat ...	0·22	...	0·33	0·02	0·85	1·99	10·33

recording Stations in the Punjab for the year 1897.

11	12	13	14	15	16	3	2	1
August.	September.	October.	November.	December.	Total.	Station.	District.	Meteorological Division.
5·55	2·08	0·16	0	0	14·33	Sirsa	Hissar.	Punjab, South.
6·29	1·61	0	0	0	13·41	Fatahabad		
13·20	4·95	0·27	0	0	23·52	Hissar		
9·14	1·93	0·48	0	0	17·12	Hansi		
1·95	5·30	0·83	0	0	12·19	Bhiwani		
2·09	0·95	0·47	0	0	10·45	Budhlada		
5·35	3·49	0·19	0	0	14·10	Tohana		
4·87	2·60	0	0	0	18·35	Dhaneta *C*	Jind State.	
2·26	3·80	0·50	0	0	16·94	Safidan *C*		
8·74	3·15	0	0	0	15·33	Jind *C*		
7·40	2·10	0·70	0	0	16·31	Chhani *C*	Bikaner State.	
6·94	1·64	0·25	0	0·12	15·18	Moga	Ferozepore.	
5·04	0·30	0·04	0	0·21	10·61	Zira		
3·73	0·55	0	0	0·55	11·50	Ferozepore Sadr		
3·40	0·05	0·02	0	0·60	11·14	Ferozepore City		
5·48	0·61	0·11	0	0·10	9·22	Muktsar		
7·57	0·40	0·03	0	0·02	10·98	Fazilka		
4·49	0·25	0	0	0·03	10·15	Nathana		
1·17	0·28	0	0	0·35	6·77	Jalalabad		
10·60	0·70	0	0	0	17·30	Govindgarh *C*		
4·20	0·30	0	0	0	8·00	Phidda *C*		
9·28	0·08	0	0	0·90	13·98	Gugera	Montgomery.	
4·52	1·00	0·25	0	0·46	8·95	Montgomery		
6·59	1·86	0	0	0	11·39	Pakpattan		
10·12	0·25	0	0	0·49	14·44	Dipalpur		
						Sandyanwala		
10·67	1·18	0	0	0	19·64	Farukhnagar	Gurgaon.	Punjab, Central.
2·90	1·80	0	0	0	9·73	Jatusana		
6·49	1·02	0	0	0	19·41	Rewari		
5·12	1·50	0·80	0	0	14·55	Shahjahanpur		
7·57	1·21	0·34	0	0	17·11	Tauru		
6·51	3·01	0	0	0	26·75	Nuh		
10·50	0·50	0	0	0	21·01	Firozpur		
8·07	2·20	0	0	0	22·39	Hodal		
7·79	1·57	0·32	0	0	19·73	Hattin		
12·72	1·96	0	0	0	22·95	Palwal		
3·30	2·20	0	0	0	14·50	Sohna		
5·52	1·74	0	0	0	17·55	Gurgaon		
9·65	1·58	0	0	0	24·32	Punahana		
6·10	3·69	0	0	0	19·15	Rohtak	Rohtak.	
[illegible]	0·95	0	0	0	15·94	Gohana		
4·05	2·98	0	0	0	18·83	Sampla		
13·75	2·60	0	0	0	22·58	Jhajjar		
11·95	2·01	0	0	0	28·08	Ballabgarh	Delhi.	
5·86	2·20	0	0	0	15·53	Mahrauli		
8·60	3·96	0	0	0	21·06	Sadr (Delhi)		
5·36	2·12	0·20	0	0	21·42	Sonepat		

Table showing the Monthly and Annual Rainfall of 210 Rainfall-

1	2	3	4	5	6	7	8	9	10
Meteorological Division.	District.	Station.	January.	February.	March.	April.	May.	June.	July.
Punjab, Central—*concluded.*	Karnal.	Panipat ...	0·11	...	0·13	0·03	0·96	1·37	7·71
		Karnal ...	0·10	...	0·20	0·25	0·90	2·10	8·33
		Rajaund ...	0·32	0·20	0·22	0·12	0·45	0·60	5·63
		Kaithal ...	0·20	0·12	0·13	0·00	0·46	3·63	8·24
		Gulah ...	0·55	0·21	0·11	0·05	0·40	1·10	7·08
		Thanesar ...	0·39	0·11	0	0	0	1·18	16·41
	Lahore.	Van *C* ...	2·30	0·45	0·16	0·10	0·30	0·70	0·90
		Chunian ...	2·11	0·02	0·23	0·41	0·43	0·85	2·15
		Kasur ...	1·40	0·50	0·12	0·13	...	1·13	3·12
		Pambe *C* ...	1·35	0·43	...	0·15	0·10	1·25	2·30
		Sharakpur ...	1·69	0·63	0·53	0·27	0·32	0·54	4·25
		Niazbeg *C* ...	1·97	0·99	0·13	0·17	0·37	2·00	2·10
		Lahore ...	1·37	0·67	0·24	0·12	0·40	0·61	1·98
		Meean Meer *C* ...	2·04	1·36	0·46	0·16	0·66	1·77	3·12
		Manihala *C* ...	1·50	0·64	0·59	0·35	0·09	0·21	1·43
		Dafthu *C* ...	1·22	0·52	0·30	0·10	0·30	2·00	1·30
		Nijabat *C* ...	1·75	0·20	0·30	0·15	0·15	0·40	0·94
Punjab, Submontane.	Umballa.	Jagadhri ...	0·95	0·35	0·52	0·27	0·69	1·11	10·66
		Umballa ...	0·25	0·34	0·25	0·33	0·68	0·68	11·38
		Naraingarh ...	1·26	0·89	0·51	0·50	0·68	1·22	19·31
		Kharar ...	1·14	1·52	0·11	0·50	0·09	0·62	7·98
		Rupar ...	1·26	0·82	0·28	0·74	0·03	0·72	10·55
		Dadupur *C* ...	1·18	0·42	0·50	0·35	0·85	1·50	15·55
	Patiala State.	Kotra *C* ...	0·36	0·10	0·30	0·82	...	1·48	7·05
		Jhodhpur *C* ...	0·28	...	...	0·00	0·09	0·[illegible]9	1·57
		Raniki *C* ...	1·31	0·11	0·06	0·78	0·42	0·89	5·64
		Lehal *C* ...	0·50	0·59	0·32	0·30	0·85	0·29	11·74
		Gujran *C* ...	0·35	0·21	0·56	5·47	0·12	1·08	9·10
		Barthala *C* ...	1·19	0·70	0·70	0·57	0·38	0·77	4·22
	Nabha State.	Dadahur *C* ...	0·45	0·30	...	0·60	...	0·25	6·40
		Bundher *C* ...	0·60	0·25	0·20	2·37	0·20	0·85	4·43
	Ludhiana.	Samrala ...	0·78	0·95	0·10	0·98	0·01	0·87	6·42
		Ludhiana ...	0·53	0·99	0·14	1·39	...	2·04	9·93
		Jagraon ...	0·64	0·45	0·13	1·08	0·07	0·42	5·12
	Jullundur.	Jullundur ...	1·18	0·98	1·29	1·97	0·32	0·64	7·62
		Nakodar ...	0·85	0·55	0·27	2·22	0·22	0·74	5·94
		Phillour ...	0·83	1·50	0·09	2·87	0·07	1·22	6·33
		Nawashaur ...	1·20	0·92	0·36	1·01	0·14	1·77	11·68

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recording Stations in the Punjab for the year 1897—continued.

11	12	13	14	15	16	3	2	1
August.	September.	October.	November.	December.	Total.	Station.	District.	Meteorological Division.
7·98	2·20	0	0	0·03	20·52	Panipat	Karnal.	Punjab, Central—*concluded.*
2·74	6·20	0	0	0	20·82	Karnal		
2·33	2·36	0	0	0	12·23	Rajaund		
1·25	4·27	0	0	0·05	18·44	Kaithal		
2·70	3·60	0	0	0·10	15·90	Gulah		
6·16	4·34	0	0	0·04	28·03	Thanesar		
5·53	1·00	0	0	1·00	12·44	Van *C*	Lahore.	
8·61	0·19	0	0	0·86	15·86	Chunian		
10·26	...	0	0	1·04	17·70	Kasur		
9·45	1·75	0	0	1·20	17·98	Pambe *C*		
4·75	0·56	0	0	1·65	15·19	Sharakpur		
8·90	0·34	0	0	1·38	18·35	Niazbeg *C*		
9·00	0·82	0·02	0	1·21	16·44	Lahore		
14·98	0·50	0	0	1·33	26·38	Meean Meer *C*		
5·25	0·30	0	0	0·38	10·74	Manihala *C*		
8·50	0·30	0	0	0·30	14·84	Dafthu *C*		
4·56	0·82	0	0	0·40	9·67	Nijabat *C*		
11·09	4·08	0	0	0·04	29·76	Jagadhri	Umballa.	Punjab, Submontane.
6·23	4·67	0	0	0·20	25·01	Umballa		
8·73	4·04	0	0	0·02	37·16	Naraingarh		
7·60	4·74	0	0	0·17	24·47	Kharar		
7·65	6·57	0	0	0·30	28·90	Rupar		
7·85	4·50	0	0	0·10	32·80	Dadupur *C*		
6·17	1·23	0	0	0	17·51	Kotra *C*	Patiala State.	
2·99	0·36	0·18	0	0	5·65	Jhodhpur *C*		
7·01	1·01	0	0	0	17·23	Raniki *C*		
4·66	2·28	0	0	0	21·53	Lehal *C*		
4·68	1·46	0·15	0	0·05	23·23	Gujran *C*		
5·22	2·19	0	0	0·25	16·19	Barthala *C*		
6·50	0·90	0	0	0	15·40	Dadahur *C*	Nabha State.	
6·87	0·60	0	0	0	16·37	Bundher *C*		
4·29	2·99	0	0	0·15	17·54	Samrala	Ludhiana.	
4·08	1·38	0·02	0	0	20·58	Ludhiana		
4·89	2·16	0·17	0	0·03	15·16	Jagraon		
7·79	0·71	0	0	0	22·50	Jullundur	Jullundur.	
5·96	1·52	0	0	0·02	18·29	Nakodar		
3·30	3·91	0·04	0	0·02	20·18	Phillour		
6·52	6·03	0	0	0·08	29·77	Nawashahr		

Table showing the Monthly and Annual Rainfall of 210 Rainfal[l]

1	2	3	4	5	6	7	8	9	10
Meteorological Division.	District.	Station.	January.	February.	March.	April.	May.	June.	July.
Punjab, Submontane—*concluded.*	Hoshiarpur.	Dasuya ...	1·47	1·88	1·97	1·79	0·12	0·34	2·64
		Una ...	1·38	1·35	0·6[illegible]	1·20	0·28	2·03	8·63
		Garhshankar ...	0·81	1·17	0·42	1·20	0·18	1·03	8·29
		Sadr Station ...	1·41	1·26	1·46	2·30	0·30	2·39	4·33
		Hoshiarpur ...	1·49	1·54	1·62	2·26	0·26	2·13	4·41
	Gurdaspur.	Aliwal *C* ...	2·08	1·14	0·19	1·92	0·05	0·65	2·70
		Batala ...	3·59	1·51	1·8[illegible]	1·26	0·07	0·82	4·12
		Tibri *C* ...	1·42	0·82	0·50	1·25	0·10	0·80	3·65
		Gurdaspur ...	2·38	0·83	0·72	1·05	0·78	1·19	10·80
		Pathankot ...	3·11	2·64	1·32	1·67	0·92	1·24	4·17
		Dalousie ...	9·79	7·26	5·38	7·26	2·57	6·22	10·56
		Madhopur *C* ...	3·70	2·40	2·05	3·20	0·30	1·96	9·12
		Shakargarh ...	3·09	0·47	0·80	1·58	0·43	0·72	5·61
	Amritsar.	Buchar *C* ...	1·24	0·81	0·37	0·71	0·24	0·07	2·95
		Khara *C* ...	0·65	0·00	0·15	0·25	...	0·07	3·11
		Tarn Taran ...	1·26	0·48	0·02	1·67	0·12	0·43	2·68
		Raya *C* ...	1·12	1·13	0·32	0·71	0·41	0·72	4·28
		Amritsar Jail Hospital ...	1·34	0·73	0·70	0·65	0·25	1·21	3·84
		Amritsar *C* ...	1·26	0·69	0·84	0·57	0·22	1·33	3·00
		Buggeh *C* ..	1·95	0·02	0·25	0·24	0·0	1·34	5·40
		Ajnala ...	1·46	0·89	0·53	0·57	0·28	1·56	2·72
Punjab, Hill Division.	Simla.	Kasauli ...	3·22	1·37	0·06	0·66	1·13	4·44	19·63
		Barauli ...	3·12	1·87	1·84	0·83	1·19	5·28	13·53
		Simla ...	5·19	1·69	2·27	1·65	0·05	3·42	10·37
		Kot Khai ...	5·79	4·75	5·63	2·97	3·21	3·12	13·62
		Kotgarh ...	3·30	0·62	4·06	2·79	1·73	3·05	8·39
		Kilba ...	4·35	4·97	6·89	4·68	3·14	2·17	3·49
Punjab, North-West.	Kangra.	Plach ...	4·53	2·95	4·70	3·90	2·80	3·43	9·15
		Kulu ...	7·04	3·01	5·44	4·03	2·35	2·66	3·28
		Nagar ...	8·44	4·08	7·29	6·84	3·64	2·26	5·82
		Palampur ...	6·13	4·43	6·19	3·02	1·65	3·10	28·38
		Hamirpur ...	3·25	2·06	3·55	2·60	0·30	1·76	17·11
		Dera ...	3·03	2·31	2·28	1·38	1·00	2·34	3·02
		Kangra ...	3·89	3·94	2·74	2·96	1·77	4·94	10·58
		Dharmsala ...	4·24	4·32	7·28	4·21	1·38	4·72	31·64
		Nurpur ...	4·11	3·12	2·52	1·82	0·32	1·66	10·16
	Gujranwala.	Ramnagar ...	2·36	0·83	0·92	...	...	0·39	1·58
		Wazirabad ...	1·60	0·46	0·94	0·77	0·46	1·44	1·44
		Gujranwala Sadr Kacheri ...	1·06	0·45	0·66	0·19	0·17	2·24	3·00
		Shekhupura ...	1·50	0·50	...	...	...	1·30	2·30
		Hafizabad ...	2·01	0·82	0·98	0·34	...	2·61	3·36
		Khangah Dogran *C* ..	1·77	0·27	1·25	0·33	0·09	2·06	2·81
		Jalalpur *C* ...	...	...	...	...	...	...	...
		Pacca Dalla *C* ...	...	...	...	...	...	1·[illegible]	2·00
		Firoz ...	...	...	...	...	...	1·[illegible]	1·60
	Sialkot.	Zafarwal ...	2·40	0·71	0·60	1·30	0·37	0·80	5·29
		Pasrur ...	1·83	0·71	0·51	0·58	...	0·93	3·32
		Raya ...	2·00	1·14	0·51	0·56	...	1·10	3·28
		Daska ...	1·49	0·91	0·67	0·17	0·11	1·75	3·55
		Sialkot ...	2·09	0·64	0·93	0·37	0·33	0·81	3·53

recording Stations in the Punjab for the year 1897—continued.

11	12	13	14	15	16	3	2	1
August.	September.	October.	November.	December.	Total.	Station.	District.	Meteorological Division.
14·09	1·24	0	0	0·27	25·81	Dasuya	Hoshiarpur.	Punjab, Submontane—*concluded*.
7·32	9·58	0	0	0·19	32·57	Una	Hoshiarpur.	Punjab, Submontane—*concluded*.
7·57	7·62	0·07	0	0·06	28·42	Garhshankar	Hoshiarpur.	Punjab, Submontane—*concluded*.
4·74	1·58	0·09	0	0·07	20·03	Sadr Station	Hoshiarpur.	Punjab, Submontane—*concluded*.
5·41	1·98	0·11	0	0·06	21 27	Hoshiarpur	Hoshiarpur.	Punjab, Submontane—*concluded*.
9·50	0·50	0	0	0·61	19·74	Aliwal *C*	Gurdaspur.	Punjab, Submontane—*concluded*.
12·05	2·19	0·02	0	0·48	28·02	Batala	Gurdaspur.	Punjab, Submontane—*concluded*.
15·80	1·55	0	0	0·50	26 39	Tibri *C*	Gurdaspur.	Punjab, Submontane—*concluded*.
15·89	1·42	0	0	0·66	36·62	Gurdaspur	Gurdaspur.	Punjab, Submontane—*concluded*.
17 14	2·50	0·11	0	0·42	35·24	Pathankot	Gurdaspur.	Punjab, Submontane—*concluded*.
26·57	10·18	0 75	0	0 65	87 19	Dalhousie	Gurdaspur.	Punjab, Submontane—*concluded*.
16·20	1·55	0	0	0 59	41·07	Madhopur *C*	Gurdaspur.	Punjab, Submontane—*concluded*.
8·71	0·80	0 07	0	0·79	23·07	Shakargarh	Gurdaspur.	Punjab, Submontane—*concluded*.
12 95	0·65	0·30	0	0·60	20 89	Buchar *C*	Amritsar.	Punjab, Submontane—*concluded*.
6 75	0·26	0	0	0	11·33	Khara *C*	Amritsar.	Punjab, Submontane—*concluded*.
8·82	0·74	0	0	0·36	17·48	Tarn Taran	Amritsar.	Punjab, Submontane—*concluded*.
6·26	1·99	0	0	0·04	16·98	Raya *C*	Amritsar.	Punjab, Submontane—*concluded*.
6·07	0 25	0	0	0·64	15 68	Amritsar Jail Hospital	Amritsar.	Punjab, Submontane—*concluded*.
6·76	0·52	0	0	0 58	15·77	Amritsar *C*	Amritsar.	Punjab, Submontane—*concluded*.
5·15	0·90	0	0	0·45	16·69	Buggeh *C*	Amritsar.	Punjab, Submontane—*concluded*.
6·49	1·40	0	0	0 65	16 55	Ajnala	Amritsar.	Punjab, Submontane—*concluded*.
17·02	16·38	0	0	0·44	65·25	Kasauli	Simla.	Punjab, Hill Division.
8·82	5·82	0	0	0·67	42 97	Barauli	Simla.	Punjab, Hill Division.
19·54	5·16	0	0	0·74	50·98	Simla	Simla.	Punjab, Hill Division.
13·40	4·87	0	0	0	57 36	Kot Khai	Simla.	Punjab, Hill Division.
10·62	3·68	0	0	0 65	38·89	Kotgarh	Simla.	Punjab, Hill Division.
4·22	...	0 02	0	0·82	34·76	Kilba	Simla.	Punjab, Hill Division.
15·26	5·80	0 55	0	1·45	54·52	Plach	Kangra.	Punjab, North-West.
8 58	5·61	0 08	0	1 63	43 71	Kulu	Kangra.	Punjab, North-West.
19 43	6·38	0·22	0	1·75	66 15	Nagar	Kangra.	Punjab, North-West.
39·44	14 63	0·11	0	0·69	107·77	Palampur	Kangra.	Punjab, North-West.
14·26	11·79	0	0	0·36	57 04	Hamirpur	Kangra.	Punjab, North-West.
15·53	5·56	0	0	0	36·45	Dera	Kangra.	Punjab, North-West.
21 67	9 83	0·20	0	0·18	62·76	Kangra	Kangra.	Punjab, North-West.
52 37	8·89	0·47	0	0 38	119 90	Dharmsala	Kangra.	Punjab, North-West.
18·50	4 04	0 22	0	0 25	46·72	Nurpur	Kangra.	Punjab, North-West.
5·54	0·38	0	0	1·80	13 80	Ramnagar	Gujranwala.	Punjab, North-West.
7·92	1·98	0	0	0·77	17·78	Wazirabad	Gujranwala.	Punjab, North-West.
4·15	1·23	0	0	0·73	14·78	Gujranwala Sadr Kacheri	Gujranwala.	Punjab, North-West.
5·60	...	0	0	1·30	12·50	Shekhupura	Gujranwala.	Punjab, North-West.
4·22	0·28	0	0	0·65	15·27	Hafizabad	Gujranwala.	Punjab, North-West.
8·13	0·59	0	0	1·27	18 57	Khangah Dogran *C*	Gujranwala.	Punjab, North-West.
...	...	0	0	...	0	Jalalpur *C*	Gujranwala.	Punjab, North-West.
4·30	...	0	0	1·10	8·90	Pacca Dalla *C*	Gujranwala.	Punjab, North-West.
6·35	1·40	0	0	1·20	11·80	Firoz	Gujranwala.	Punjab, North-West.
14·94	0 77	0·04	0	0·69	27·91	Zafarwal	Sialkot.	Punjab, North-West.
8·09	0·94	0	0	0·36	17·27	Pasrur	Sialkot.	Punjab, North-West.
7·03	0·22	0	0	0·46	16·30	Raya	Sialkot.	Punjab, North-West.
7·92	1·08	0	0	0·84	18·49	Daska	Sialkot.	Punjab, North-West.
7·20	1 34	0·10	0	0·45	17·79	Sialkot	Sialkot.	Punjab, North-West.

Table showing the Monthly and Annual Rainfall of 210 *Rainfall-*

1	2	3	4	5	6	7	8	9	10
Meteorological Division.	District.	Station.	January.	February.	March.	April.	May.	June.	July.
Punjab, North-West—*concluded.*	Gujrat.	Sadr (Gujrat) ...	1·70	0·60	1·47	0·95	...	0·98	1·24
		Kharian ...	2·11	0·39	1·88	0·53	...	0·96	4·81
		Phalia ...	1·81	0·65	2·05	0·64	0·19	1·20	3·49
	Jhelum.	Pind Dadan Khan ...	1·00	0·47	2·46	1·45	0·24	1·27	4·62
		Sadr Station (Jhelum) ...	2·49	0·49	2·18	1·06	0·20	0·68	5·61
		Chakwal ...	1·08	0·80	2·06	2·91	0·26	0·97	3·65
		Talagang ...	0·63	0·92	1·81	1·42	0·10	2·81	5·10
	Rawalpindi	Pindigheb ...	0·96	0·79	2·47	2·76	1·47	1·12	2·99
		Fatahjang ...	2·83	1·24	2·44	2·23	1·21	3·59	4·61
		Attock ...	3·44	1·77	3·62	2·72	0·65	0·37	4·73
		Rawalpindi ...	2·70	1·23	3·32	1·48	1·08	1·04	6·89
		Gujar Khan ...	2·85	0·41	2·84	1·99	1·28	1·15	4·17
		Kahuta ...	3·72	1·77	3·75	2·83	1·63	2·96	4·53
		Murree ...	10·75	4·50	5·57	6·58	3·71	2·24	6·87
	Peshawar.	Swabi ...	4·64	1·71	3·95	3·52	1·46	2·34	7·68
		Lahor (Utman Bolak) ...	4·54	1·44	3·34	4·28	0·60	0·47	4·60
		Nowshera ...	4·71	2·36	2·91	3·18	1·01	0·49	1·49
		Mardan ...	3·47	1·69	2·69	2·54	0·80	1·22	2·08
		Katlang ...	2·85	0·70	0·70	0·55	0·10	0·15	2·11
		Charsadda ...	4·14	1·15	1·19	2·37	0·75	1·15	2·61
		Nabakki ...	3·08	0·00	2·14	2·57	1·01	0·54	1·05
		Peshawar ...	2·96	1·19	1·39	2·78	1·35	0·35	0·43
		Abazai *C* ...	2·95	1·00	1·35	1·20	0·45	0·85	3·75
		Khan Mahi *C* ...	3·95	1·40	0·95	1·20	0·20	0·60	1·35
		Para Chinar (Kurram Valley)	2·03	1·47	3·35	5·68	2·27	2·73	2·97
	Hazara.	Abbott abad ...	5·91	2·81	6·60	7·55	2·97	3·35	3·36
		Mansahra ...	5·50	2·04	4·82	5·62	1·35	1·91	2·28
		Haripur ...	3·74	1·44	3·74	3·42	2·13	1·88	5·42
	Kohat.	Kohat ...	2·30	1·82	1·38	4·11	1·65	1·27	1·54
		Hangu ...	3·05	1·60	2·37	5·83	0·90	2·52	0·94
		Thal ...	3·50	1·30	3·10	3·82	1·34	3·54	4·99
		Banda Daud Shah ...	2·29	0·70	1·53	3·03	0·81	2·29	6·70
		Khushalgarh ...	2·63	3·38	1·19	3·98	0·30	...	
Punjab, West.	Bannu.	Mianwali ..	1·95	0·37	0·77	1·30	0·10	0·50	3·54
		Isa Khel ...	1·41	0·27	1·02	1·34	0·09	0·55	5·89
		Bannu ...	1·92	1·10	2·04	3·31	0·49	0·21	3·58
		Marwat ...	0·75	0·38	1·26	1·72	0·06	0·44	2·00

recording Stations in the Punjab for the year 1897—continued.

11	12	13	14	15	16	3	2	1
August.	September.	October.	November.	December.	Total.	Station.	District.	Meteorological Division.
5·13	1·20	0	0	0·88	14·15	Sadr (Gujrat)	Gujrat.	Punjab, North-West—*concluded.*
4·47	3·67	0	0	1·55	20·37	Kharian		
3·31	0·13	0	0	1·45	14·93	Phalia		
4·59	0·98	0·12	0	0·51	17·71	Pind Dadan Khan	Jhelum.	
7·59	2·56	0·21	0	1·46	24·62	Sadr Station (Jhelum)		
8·17	1·75	0	0	1·71	23·36	Chakwal		
5·03	1·31	0	0	1·39	20·52	Talagang		
3·93	2·18	0·24	0	1·61	20·52	Pindigheb	Rawalpindi.	
8·11	1·39	0·57	0	1·50	29·72	Fatahjang		
3·65	0·00	0	0	1·75	22·79	Attock		
10·78	1·98	0	0	1·62	32·12	Rawalpindi		
9·43	3·09	0·35	0	1·16	28·72	Gujar Khan		
16·91	3·71	0	0	1·42	43·28	Kahuta		
14·96	3·19	0·69	0	2·00	61·06	Murree		
8·87	0·92	0	0	1·63	36·72	Swabi	Peshawar.	
7·63	0·44	0	0	1·41	28·75	Lahor (Utman Bolak)		
5·20	0·49	0	0	1·68	23·52	Nowshera		
7·65	0·98	0	0	1·64	24·76	Mardan		
5·93	1·75	0	0	0·15	14·99	Katlang		
8·04	1·46	0	0	1·36	24·22	Charsadda		
5·74	2·00	0	0	1·43	20·45	Nabakki		
4·32	0·63	0	0	1·32	16·72	Peshawar		
9·65	0·60	0	0	0,90	22·70	Abazai *C*		
2·70	0·40	0	0	0·85	13·60	Khan Mahi *C*		
3·29	...	0	0	1·10	24·89	Para Chinar (Kurram Valley)		
13·65	2·65	0·32	0	1·42	50·59	Abbott-abad	Hazara.	
17·51	1·90	0·03	0	1·78	44·74	Mansahra		
12·52	1·39	0·03	0	0·71	36·42	Haripur		
4·19	0·27	0·16	0	0·97	19·66	Kohat	Kohat.	
9·18	1·96	0	0	0·77	29·12	Hangu		
3·58	4·35	0	0	1·14	30·66	Thal		
8[illegible]	3·30	0	0	0·59	29·55	Banda Daud Shah		
4[illegible]	...	0	0	0	16·08	Khushalgarh		
5·80	1·00	0	0	0·70	16·03	Mianwali	Bannu.	Punjab, West.
0·99	0·68	0	0	0·45	12·69	Isa Khel		
6·13	0·60	0	0	0·85	20·23	Bannu		
10·19	2·07	0	0	0·23	19·10	Marwat		

Table showing the Monthly and Annual Rainfall of 210 *Rainfall-*

1	2	3		4	5	6	7	8	9	10
Meteorological Division.	District.	Station.		January.	February.	March.	April.	May.	June.	July.
Punjab, West—*concluded.*	Shahpur.	Midh	...	0·76	0·40	3·05	0·68	...	4·57	2·57
		Sahiwal	...	0·55	0·25	0·83	0·30	...	3·24	2·61
		Nurpur	...	0·87	...	0·85	...	...	1·45	3·08
		Mitha Tiwana	...	0·50	...	0·50	...	...	1·00	2·25
		Sakesar	...	1·00	...	0·50	...	...	...	5·69
		Naushahra	...	1·08	0·89	2·25	1·40	0·19	4·53	7·47
		Khushab	...	0·69	0·37	0·96	0·61	0·33	2·07	3·47
		Shahpur	...	1·02	0·28	0·98	0·88	0·18	1·60	7·45
		Bhera	...	0·52	0·31	2·16	0·73	...	1·32	3·37
		Miani	...	0·83	0·45	1·88	1·27	...	0·73	4·75
	Jhang.	Shorkot	...	0·28	0·65	0·27	0·14	0·23	0·10	1·66
		Jhang	...	0·66	0·16	0·83	0·03	0·29	1·04	1·77
		Chiniot	...	0·40	0·17	2·20	0·16	0·21	1·02	0·22
		Badwali *C*	...	0·70	0·40	0·40	0·10	...	0·50	2·80
		Tirkhani *C*	...	...	...	...	...	...	0·85	0·35
		Muridwala *C*	...	...	...	...	...	...	...	...
		Khewra *C*	...	...	...	...	...	0·85	0·50	3·70
		Laklani *C*	...	...	...	...	...	0·40	2·10	1·70
		Lyallpur *C*	...	...	...	...	0·30	0·10	2·10	1·30
	D. I. Khan.	Tank	...	0·31	0·33	1·00	1·70	0·01	1·49	2·38
		Kulachi	...	0·03	0·53	0·86	1·39	...	0·58	1·31
		Dera Ismail Khan	...	0·34	0·94	0·72	0·64	0·02	0·21	0·68
		Bhakkar	...	0·29	0·64	0·88	0·60	0·06	0·13	1·82
		Leiah	...	0·41	0·35	0·42	0·59	0·18	...	1·70
		Shekh Budin	...	0·65	0·95	0·95	1·75	...	2·92	4·50
	D. G. Khan.	Sanghar	...	0·30	0·70	0·44	1·13	0·03	1·22	0·60
		Dera Ghazi Khan	...	0·23	0·25	0·09	1·01	0·19	0·46	1·27
		Fort Munro	...	...	0·29	0·65	1·97	0·75	1·58	5·22
		Jampur	...	0·02	0·11	0·15	1·10	...	1·91	0·38
		Rajanpur	...	...	0·12	0·10	0·54	...	0·10	3·20
	Muzaffargarh.	Alipur	...	0·05	0·12	0·09	0·54	...	0·07	0·46
		Muzaffargarh	...	0·05	0·23	0·20	0·41	...	0·40	3·87
		Sinanwan	...	0·10	0·24	0·04	0·74	0·07	0·53	0·86
	Mooltan.	Mailsi	...	0·21	0·06	0·22	0·35	0·03	0·20	1·12
		Lodhran	...	0·09	...	0·03	0·73	0·07	1·09	2·09
		Shujabad	...	0·05	1·05	0·34	0·36	...	0·04	2·41
		Mooltan	...	...	0·21	0·12	0·42	0·03	0·10	1·62
		Kabirwala	...	0·27	0·20	...	0·61	0·02	...	...

recording Stations in the Punjab for the year 1897—concluded.

11 August.	12 September.	13 October.	14 November.	15 December.	16 Total.	3 Station.	2 District.	1 Meteorological Division.
5·35	1·00	0·35	0	0	18·73	Midh	Shahpur.	Punjab, West—*concluded.*
7·39	...	0	0	1·00	16·17	Sahiwal		
1·67	0·90	0	0	0·92	9·74	Nurpur		
3·00	0·50	0	0	0·50	8·25	Mitha Tiwana		
10·12	3·14	0	0	3·14	23·59	Sakesar		
4·20	1·98	0	0	1·12	25·11	Naushahra		
9·67	1·10	0	0	1·75	21·02	Khushab		
5·73	0·81	0·10	0	1·60	20·63	Shahpur		
6·25	1·72	0	0	1·49	17·87	Bhera		
3·30	0·84	0	0	1·24	15·34	Miani		
7·31	0·58	0	0	0·59	11·91	Shorkot	Jhang.	
10·61	0·40	0·07	0	0·96	16·82	Jhang		
4·84	...	0	0	1·21	10·43	Chiniot		
4·10	...	0	0	0·70	9·70	Badwali *C*		
7·40	...	0	0	0·95	9·55	Tirkhani *C*		
...	1·02	0	0	1·00	2·02	Muridwala *C*		
8·00	0·70	0	0	1·00	14·75	Khewra *C*		
3·40	0·80	0	0	0·80	9·20	Laklani *C*		
8·70	...	0	0	0·90	13·40	Lyallpur *C*		
2·26	0·86	0	0	0·28	10·62	Tank	D. I. Khan.	
1·63	1·68	0	0	0	8·01	Kulachi		
5·02	0·97	0	0	0·23	9·77	Dera Ismail Khan		
6·05	0·23	0	0	0·29	10·99	Bhakkar		
5·39	0·43	0	0	0·20	9·67	Leian		
8·99	1·38	0	0	0·40	22·49	Shekh Budin		
...	...	0	0	0·26	4·68	Sanghar	D. G. Khan.	
1·46	...	0	0	0·45	5·41	Dera Ghazi Khan		
6·42	...	0	0	0·55	17·43	Fort Munro		
3·58	0·21	0	0	0·35	7·81	Jampur		
1·64	1·43	0	0	0	7·13	Rajanpur		
5·16	3·10	0	0	0·31	9·90	Alipur	Muzaffargarh.	
2·62	0·04	0	0	0·44	8·26	Muzaffargarh		
7·35	0·07	0	0	0·23	10·23	Sinanwan		
4·57	1·94	0	0	0·30	9·00	Mailsi	Mooltan.	
4·85	0·33	0	0	0·18	9·46	Lodhran		
5·65	0·39	0	0	0·40	10·69	Shujabad		
7·75	0·03	0	0	0·48	10·85	Mooltan		
4·8[illegible]	0·09	0	0	0·70	6·74	Kabirwala		

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SUMMARY OF REMARKS ON THE KHARIF CROP OF THE PUNJAB FOR 1897.

IN the following table the area of the crops harvested in the kharif of 1897 are compared with that . each of the ten previous years and with the quinquennial and decennial averages :—

ACRES HARVESTED.

Year.	Irrigated.	Unirrigated.	Total.
1887	2,610,214	7,479,673	10,089,887
1888	2,653,437	7,251,952	9,905,389
1889	2,682,750	7,893,546	10,576,296
1890	2,668,671	7,475,809	10,144,480
1891	2,425,708	6,416,126	8,841,834
1892	2,548,771	9,564,457	1,21,13,228
1893	2,409,765	7,691,285	10,101,050
1894	2,424,182	7,617,720	10,041,902
1895	2,767,517	5,814,196	8,581,713
1896	3,211,866	4,932,910	8,144,776
Average 10 years	2,640,288	7,213,767	9,854,055
Average 5 years	2,672,420	7,124,114	9,796,534
1897	3,513,832	7,880,244	11,394,076

The area of this year's crop thus exceeds that of last year's by 3,249,300 acres, or 39·9 per cent. It is, moreover, 13·5 per cert. higher than the decennial, and 14 per cent. higher than the quinquennial average, and is the largest on record since 1887, with the one exception of the unusually favorable harvest of 1892. Although the rainfall as a general rule was favorable, the increase has taken place both on irrigated and unirrigated soils. The former has risen by 301,966 acres, or 9·4 per cent. and the latter by no less than 2,947,334 acres, or 59·7 per cent. The irrigated area is also 31·5 per cent. and 33·1 per cent. respectively higher than quinquennial and decennial averages, while the unirrigated area exceeds both these averages by 10·6 and 9·0 per cent. The irrigated area, which is the highest ever recorded in this Province, is 30·8 per cent. of the total area which matured crops. The quinquennial and decennial proportions of irrigated crops to the total are 27·3 per cent. and 26·8 per cent. respectively.

The increase brought out by these figures is distributed all over the Province with the exception of the Gurdáspur and Muzaffargarh Districts, each of which shows a slight decrease. By far the largest increase (391 per cent). is returned from Hissar. Next to Hissar the districts with the largest proportionate increases are Karnál (147 per cent). and Ferozepore (77 per cent). Hissar alone is responsible foo early one-third of the total provincial increase.

Slight rain fell almost all over the Province in May 1897, but only five districts, Kángra, Ráwalpindi, Hazára, Peshávar and Kohát, returned a fall of over one inch. The month was quite dry in Luhhiána, Mooltan, Gujrát and Muzaffargarh. The fall towards the end of June was general, but was far short of the average in most districts. Besides the hill distritcs of Simla, Kángra and Hazára, only five, Gurgáon, Karnál, Hoshiárpur, Ludhiána and Gujránwála, received over 2 inches. During the latter half of July and the whole of August the rains were copious and well distributed, and extensive areas were put under the plough. The most favorable feature of the season, however, especially in the afflicted districts of the Dehli Division, was the ample showers received during September, which made the harvest one of the best known

or some years. The area of failed crops was only 13·5 per cent. against 35·1 last year and 24·9 per cen- in 1895. Seventy-nine per cent. of the total area harvested bore food-grains. This is compared with the food-grain areas of the previous five years in the following table :—

	Irrigated.	Unirrigated.	Total.
Kharif 1892	1,650,119	8,667,254	10,317,373
" 1893	1,492,158	6,596,315	8,088,473
" 1894	1,379,871	6,435,786	7,815,657
" 1895	1,574,784	4,923,545	6,498,329
" 1896	1,825,673	4,209,914	6,035,587
" 1897	2,148,115	6,900,186	9,048,301

The area on which foods-grains matured is thus one-third larger than that of 1896, and is nearlr 12 per cent. larger than that of 1893. These figures bring out very clearly the necessity of replenishing they stores, felt by the people. The staples which show the largest increases are as follows :—

Maize	251,294	acres, or	18·3	per cent.
Jowár	641,812	"	36·4	"
Rice	234,852	"	42·6	"
Mung	114,997	"	89·2	"
Bájra	1,351,669	"	113·8	"

Of the oil-seeds, *sesamum* (Til) has shrunk by 7,798 acres which is due to the fact that the floods in the Indus districts did not subside in time to allow of the usual area being put under this crop. Dera Ismail Khan alone returns a decrease of 27,281 acres. The area under sugarcane has fallen off by 50,083 acres, or 12½ per cent. This decrease was general in all the cane-growing districts. It was caused by the unfavorable rainfall at sowing time and the cheap price of *gur* owing to the appreciation of the ordinary food-grains.

Locusts appeared in parts of Hissar, Rohtak, Gurgaon and Delhi and caused considerable damage to the crops, but the outturn in the Dehli Division generally was good. The yield was also good in Karnál, and Umballa reports it better than any during the last twenty years. The crop in Hoshiárpur was considered to be superior to that of 1895 which was above the average. Locusts appeared also in Jullundur and Ludhiána and caused some damage. The harvest in these two districts was slightly below the average. The unirrigated crops in Amritsar and Lahore suffered from a paucity of rain in September, but the yield of the irrigated crops was good. In all but the head-quarters tahsíl the harvest was the best since the Rabi of 1895, but the general outturn was below the average. In Siálkot both the cane and cotton crops suffered from insect pests, and the harvest all over the district was only a 12-anna one. Muzaffargarh suffered from excessive moisture. The yield of rice, bájra and cane in this district was good, but was below the average in the case of all other crops. In all the remaining districts of the Province the outturn was good. Taken as a whole, the past kharif harvest in the Punjab was distinctly above the average and may be rated at 18 annas.

J. R. DUNLOP SMITH, CAPTAIN,

Director of Land Records and Agriculture Punjab.

Crop Return of the Districts of the Punjab for Kharif 1897.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		CEREALS AND PULSES.												
District.	Irrigated or Unirrigated.	Rice.	Jowár.	Bájra.	Ragi or Mandwa.	Maize.	Kangni.	Chína.	Other cereals.	Múng.	Másh.	Moth.	Other pulses.	Total cereals and pulses.
Hissar ...	Irrigated ...	3,578	19,185	22,496	...	1,532	...	...	25	1,280	61	531	1	48,689
	Unirrigated ...	10,605	229,623	632,829	...	47	...	...	5	62,3[illegible]6	415	79,866	71	1,015,797
	Total ...	14,183	248,808	655,325	...	1,579	...	...	30	63,616	476	80,397	72	1,064,486
Rohtak ...	Irrigated ...	2,207	5,286	4,335	8	368	61	6	3	380	194	64	615	13,527
	Unirrigated ...	38	262,415	214,876	8	337	186	1	1	24,649	1,200	5,572	56,806	566,089
	Total ...	2,245	267,701	219,211	16	705	247	7	4	25,029	1,394	5,636	57,421	579,616
Gurgaon ...	Irrigated ...	6	2,043	515	...	233	8	9	44	38	120	274	276	3,566
	Unirrigated ...	125	131,233	256,903	2	1,517	173	...	908	22,703	4,678	20,141	136,144	574,527
	Total ...	131	133,276	257,418	2	1,750	181	9	952	22,741	4,798	20,415	136,420	578,093
Delhi ...	Irrigated ...	4,574	1,818	106	154	3,007	138	3	36	1	40	13	123	10,013
	Unirrigated ...	308	90,057	65,930	71	6,994	812	12	97	2,719	1,637	3,291	40,240	212,168
	Total ...	4,882	91,875	66,036	225	10,001	950	15	133	2,720	1,677	3,304	40,363	222,181
Karnál ...	Irrigated ...	32,063	3,476	2,531	2,350	5,482	535	104	210	134	353	136	36	47,410
	Unirrigated ...	79,552	197,951	50,514	3,121	49,199	3,123	8,639	1,842	3,745	19,211	4,621	926	422,444
	Total ...	111,615	201,427	53,045	5,471	54,681	3,658	8,743	2,052	3,879	19,564	4,757	962	469,854
Umballa ...	Irrigated ...	4,572	335	9	12	3,278	4	41	14	17	409	2	6	8,699
	Unirrigated ...	74,858	101,079	11,394	1,421	127,986	957	26,915	2,255	4,076	32,828	16,518	2,784	403,071
	Total ...	79,430	101,414	11,403	1,433	131,264	961	26,956	2,269	4,093	33,237	16,520	2,790	411,770

Simla ...	Irrigated ...	498	1	...	31	185	...	...	5	...	6	...	3	729
	Unirrigated ...	538	46	4	1,229	1,725	486	1,063	1,012	1	391	7	520	7,022
	Total ...	1,036	47	4	1,260	1,910	486	1,063	1,017	1	397		523	7,751
Kángra ...	Irrigated ...	78,0[illegible]9	17	...	467	7,970	32	18	1,296	41	3,006	...	610	91,466
	Unirrigated ...	41,280	125	4	12,284	140,041	2,699	3,283	16,197	596	24,450	235	27,681	268,875
	Total ...	119,289	142	4	12,751	148,011	2,731	3,301	17,493	637	27,45[illegible]	235	28,291	360,341
Hoshiárpur ...	Irrigated ...	16,209	56	6	...	7,767	...	35	19	1	96	6	4	24,199
	Unirrigated ...	1[illegible],904	30,275	5,822	...	167,353	...	6,978	6,317	705	16,528	28,382	8,891	289,155
	Total ...	34,113	30,331	5,828	...	175,120	...	7,013	6,336	7[illegible]6	16,624	28,388	8,895	313,354
Jullundur ...	Irrigated ...	1,244	8,365	13	68	86,950	100	22	104	26	758	472	56	98,178
	Unirrigated ...	2,150	6[illegible],036	244	165	24,735	583	8	1,038	3,500	10,456	59,064	875	167,854
	Total ...	3,394	73,401	257	233	111,685	683	30	1,142	3,526	11,214	59,536	931	266,032
Ludhiána ...	Irrigated ...	205	6,725	31[illegible]	18	64,483	414	160	20	445	768	362	729	74,644
	Unirrigated ...	2,726	97,720	4,481	44	18,655	475	1,998	115	26,857	6,276	58,129	4,410	221,886
	Total ...	2,931	104,445	4,795	62	83,138	889	2,158	135	27,303	7,044	58,491	5,139	296,530
Ferozepore ...	Irrigated ...	3,471	53,661	46,426	1	72,521	628	733	30	3,335	3,894	16,620	111	201,431
	Unirrigated ...	832	93,477	67,511	...	2,360	64	64	2	4,259	9,399	31,149	56	209,173
	Total ...	4,303	147,138	113,9[illegible]7	1	74,881	692	797	32	7,594	13,293	47,769	167	410,604
Mooltan ...	Irrigated ...	32,598	78,623	15,563	560	2,100	1,101	13,009	2,483	244	567	430	233	147,511
	Unirrigated ...	96	1,677	1,972	...	34	6	193	143	9	1,202	8	325	5,665
	Total ...	32,694	*80,[illegible]00	17,535	560	2,134	1,107	13,202	2,626	253	1,769	438	558	153,176
Jhang ...	Irrigated ...	4,030	91,674	14,029	1,566	21,095	1,111	14,606	1,621	781	2,467	968	164	154,112
	Unirrigated ...	2,330	9,583	9,331	2	939	27	46	844	504	21,902	625	652	46,785
	Total ...	6,360	101,257	23,360	1,568	22,034	1,138	14,652	2,465	1,285	24,369	1,593	816	200,897
Montgomery ...	Irrigated ...	17,663	10,560	1,997	119	6,532	13,168	6,100	192	6[illegible]4	768	826	201	58,770
	Unirrigated ...	540	1,724	330	4	120	344	270	7	872	1,233	104	87	5,635
	Total ...	18,203	12,284	2,327	123	6,652	13,512	6,370	199	1,516	2,001	930	288	64,405
Lahore ...	Irrigated ...	39,526	65,186	2,544	537	59,275	3,143	1,813	590	145	1,446	3,727	183	178,115
	Unirrigated ...	701	29,946	2,805	2	3,235	366	84	127	614	4,348	4,446	31	46,705
	Total ...	40,227	95,132	5,349	539	62,510	3,509	1,897	717	759	5,794	8,173	214	224,820

*Out of which 24,865 are for Chari.

Crop Return of the Districts of the Punjab for Kharíf 1897—continued.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		CEREALS AND PULSES.												
District.	Irrigated or Unirrigated.	Rice.	Jowár.	Bájra.	Ragi or Mandwa.	Maize.	Kangni.	Chína.	Other cereals.	Múng.	Másh.	Moth.	Other pulses.	Total cereals and pulses.
Amritsar ...	Irrigated ...	39,067	23,869	33	1,152	61,719	562	19	606	318	2,909	459	118	130 825
	Unirrigated ..	929	67.504	275	10	4.206	124	57	3,101	6,429	5,128	13,536	105	101,404
	Total ...	39.996	91 373	308	1,162	6 ,925	686	76	3,701	6,747	8,037	13,995	223	232,[illegible]29
Gurdáspur ...	Irrigated ...	37,870	151	6	...	14,174	125	...	1,578	...	4 772	69	2	58,747
	Unirrigated ...	23,228	11,151	5,187	...	62,816	5,978	...	22[illegible]79	...	43,798	22 153	59	197.349
	Total ...	61,098	11,302	5,193	..	76,990	6,103	...	24,557	...	48,570	22,222	61	256,[illegible]96
Siálkot ...	Irrigated ...	35,725	7 765	600	4,2[illegible]4	47,113	498	52	933	12	1,144	512	135	98,743
	Unirrigated	8,487	55.525	7,111	575	41,[illegible]92	14,303	24	11 611	311	11,115	3.667	547	154.568
	Total ...	44, 12	63 290	7.711	4,829	88,405	14,801	76	12,544	323	12 259	4,179	682	253.311
Gujrát ...	Irriga ed ...	3.304	7,399	6,3[illegible]6	...	14,023	1,100	1,411	1,580	122	54	432	101	35.922
	Unirrigated ...	2,288	41 122	111,8 7	...	8,183	76	102	1,541	1,835	665	20,676	75	188,460
	Total ...	5,592	48,521	118,293	...	22,206	1,176	1,[illegible]13	3,[illegible]21	1,957	719	21,108	176	224 382
Gujránwála ...	Irrigated ...	31,026	33 510	8,708	...	25,116	487	3.177	2,782	2,200	601	2,043	290	110,[illegible]20
	Unirrigated ...	241	40,227	4,488	...	3,016	290	14	1,618	5,026	691	7,117	218	62,9[illegible]6
	Total ...	31,267	73.737	13 276	...	28,132	777	3 191	4,400	7,22[illegible]	1,[illegible]92	9,160	508	172,966
Shahpur ...	Irrigated ...	2,737	19.441	16, 88	28	3,806	202	3.714	1,343	91	35	639	54	48,778
	Unirrigated ...	1,949	18,672	104 6[illegible]6	...	3,911	18	7	2[illegible]6	2,234	540	19,2 2	53	151,608
	Total ...	4,686	38,113	121,364	28	7,717	220	3.721	1,639	2,325	575	19,891	107	200,386
Jhelum ...	Irrigated ...	36	465	4.722	...	3,289	17	2[illegible]7	121	3	1	[illegible]	5	9,002
	Unirrigated ...	1.432	23,737	186,58	...	4,08	106	28	[illegible]47	12,[illegible]9	572	43,7[illegible]7	26	272 916
	Total ...	1,468	24,202	19[illegible],306	...	7,371	123	315	498	1,[illegible]08	[illegible]	[illegible]	[illegible]	[illegible]

Ráwalpindi ...	Irrigated ...	1,374	656	2,340	...	22,488	6	3	2	62	68	202	15	27,216
	Unirrigated ...	307	50,258	238,923	...	36,332	1,519	1	723	27,974	4,753	49,011	1,970	411,771
	Total ...	1,681	50,914	241,263	...	58,820	1,525	4	725	28,036	4,821	49,213	1,985	418,987
Hazára ...	Irrigated ...	14,029	309	108	...	17,164	10	3	26	116	262	181	335	32,543
	Unirrigated ...	...	1,476	14,146	...	164,351	3,279	460	1,525	1,461	6,082	13,899	11,681	218,360
	Total ...	14,029	1,[illegible]85	14,254	...	181,515	3,289	463	1,551	1,577	6,344	14,080	12,016	250,903
Peshâwar ...	Irrigated ..	13,408	8,894	30	...	133,804	67	...	9	2,4[illegible]8	274	492	1,222	165,6[illegible]8
	Unirrigated ...	...	30,230	3,215	...	9,080	821	...	...	2,843	76	16,186	43	62,494
	Total ...	13,468	39,124	3,245	...	147,884	888	...	9	5,271	350	16,678	1,265	228,182
Kohát ...	Irrigated ..	3,403	133	1,525	...	11,759	29	1	...	919	1	19	18	17,807
	Unirrigated ...	...	7,093	65,819	...	6,22[illegible]	1,887	12	7	4,886	...	4,406	28	90,363
	Total ...	3,4[illegible]	7,226	67,314	...	17,984	1,916	13	7	5,805	1	4,425	46	108,170
Bannu ...	Irrigated ...	1,6[illegible]0	4,477	6,320	...	32,781	...	...	8	5	6	125	89	45,461
	Unirrigated ...	...	25,218	128,236	...	149	...	...	2	2,022	1,315	17,221	2	174,165
	Total ...	1,650	29,695	134,556	...	32,930	...	...	10	2,027	1,321	17,346	91	219,626
Dera Ismail Khan ...	Irrigated ..	1,636	9,302	12,043	2	23	1	443	143	55	4	73	...	23,725
	Unirrigated ...	...	30,604	95,202	...	...	...	10	2,131	4,234	3,549	14,251	3	149,984
	Total ...	1,636	39,906	107,245	2	23	1	45	2,274	4,2[illegible]9	3,553	14,324	3	173,709
Dera Ghâzi Khan ...	Irrigated ...	40,746	39,828	15,362	33	215	69	111	1,308	9[illegible]	3	282	61	98,113
	Unirrigated ...	...	144,279	50,085	...	1	3	...	518	161	3,183	15	8	198,253
	Total ...	40,746	184,107	65,447	33	216	72	111	1,826	256	3,186	297	69	296,366
Muzaffargarh ..	Irrigated ...	46,346	13,286	12,521	111	12	146	867	2,112	11	75	8,974	5	84,466
	Unirrigated ...	42	493	464	...	1	5	6	742	...	861	...	80	2,694
	Total ...	46,388	13,779	12,985	111	13	151	873	2,854	11	936	8,974	85	87,160
GRAND TOTAL OF THE PUNJAB.	Irrigated ...	512,870	5 6,496	198,366	11,471	735,264	23,762	46,747	19,237	13,950	25,162	38,989	5,801	2,148,115
	Unirrigated ...	273,486	1,889,556	2,341,258	18,938	888,922	38,710	50,275	78,051	229,856	238,482	557,255	295,[illegible]97	6,900,186
	Total ...	786,356	2,406,052	2,539,624	30,409	1,624,186	62,472	97,022	97,288	243,806	263,644	595,244	301,198	9,048,301
Figures for Kharif 1896	...	551,504	1,764,240	1,187,955	22,117	1,372,892	28,715	55,675	75,949	128,809	258,438	390,57	199,103	6,035,973
Difference + or − ...	...	+ 234,852	+ 641,812	+ 1,351,669	+ 8,292	+ 251,294	+ 33,757	+ 41,347	+ 21,339	+ 114,997	+ 5,206	+ 205,668	+ 102,095	+ 3,012,328

Crop Return of the Districts of the Punjab for Kharif 1897—continued.

1	2	16	17	18	19	20	21	22	23	24	25	26
		Oil-seeds.		Condiments and Spices.					Fibres.			Dyes.
District.	Irrigated or Unirrigated.	Til.	Others.	Chillies.	Ginger and spices.	Turmeric.	Others.	Sugar cane.	Cotton.	Hemp.	Others.	Indigo.
Hissar ...	Irrigated ...	155	...	364	1	...	...	2,241	59,897	410	4	4,273
	Unirrigated ...	12,445	...	1	...	...	...	...	235	510	1	32
	Total ...	12,600	...	365	1		...	2,241	60,132	920	5	4,305
Rohtak ...	Irrigated ...	114	...	82	1	...	...	23,573	32,102	1,217	3	13,036
	Unirrigated ...	525	...	2	...	...	...	...	9,917	1,024	1	89
	Total ...	639	...	84	1	...	...	23,573	42,019	2,241	4	13,125
Gurgaon ...	Irrigated ...	376	...	179	...	...	...	3,264	23,713	955	...	4,444
	Unirrigated ...	4,124	2	11	...	...	1	62	25,091	1,607	...	2
	Total ...	4,500	2	190	...	...	1	3,326	48,804	2,562	...	4,446
Delhi ...	Irrigated ...	89	...	923	...	...	...	22,968	4,363	685	...	3,201
	Unirrigated ...	1,041	...	44	...	...	...	227	13,206	1,004	...	64
	Total ...	1,130	...	967	...	...	...	23,195	17,569	1,689	...	3,265
Karnal ...	Irrigated ...	251	212	744	16	...	...	22,952	27,929	966	1	4,654
	Unirrigated ...	7,789	3,553	108	11	...	7	2,537	12,553	1,538	32	94
	Total ...	8,040	3,765	852	27	...	7	25,489	40,482	2,504	33	4,748
Umballa ...	Irrigated ...	54	261	217	41	1	...	5,622	437	25	...	125
	Unirrigated ...	5,693	3,074	58	6	1	...	6,912	35,712	2,184	94	582
	Total ...	5,747	3,335	275	47	2	...	12,534	36,149	2,209	94	707

Simla ...	Irrigated ...	...	...	...	39	...	...	7	...	...	...	...
	Unirrigated ...	3	...	2	19	1	...	...	9	...	3	...
	Total ...	3	...		49	1	...	7	9	...	3	...
Kángra ...	Irrigated ...	207	4	53	48	349	1	1,740	814	137	22	...
	Unirrigated ...	11,895	2	115	1	405	10	2,471	11,931	3,005	347	...
	Total ...	12,102	6	168	49	754	11	4,211	12,745	3,142	369	...
Hoshiárpur ...	Irrigated ...	8	2	161	2	36	...	5,076	440	6	9	6
	Unirrigated ...	6,655	...	16	2	4	...	17,992	22,281	5,750	126	2,674
	Total ...	6,663	2	177	4	40	...	23,068	22,721	5,756	135	2,680
Jullundur ...	Irrigated ...	156	123	1,475	...	1	...	27,955	23,969	383	17	245
	Unirrigated ...	2,058	15	5	...	...	...	2,220	3,817	3,240	9	420
	Total ...	2,214	138	1,480	...	1	...	30,175	27,786	3,623	26	665
Ludhiána ...	Irrigated ...	217	1	154	1	...	3	10,256	4,583	555	137	365
	Unirrigated ...	883	...	1	...	...	...	2,640	1,427	3,518	58	877
	Total ...	1,100	1	155	1	...	3	12,896	6,010	4,073	195	1,242
Ferozepore ...	Irrigated ...	848	27	905	1	1	...	1,413	16,506	1,686	11	18
	Unirrigated ...	2,946	7	2	...	...	...	1	186	495	...	...
	Total ...	3,794	34	907	1	1	...	1,414	16,692	2,181	11	18
Mooltan ...	Irrigated ...	16,885	2,785	121	19	...	...	1,791	85,155	67	57	32,023
	Unirrigated ...	3,692	492	1	...	...	...	...	43	3	...	1
	Total ...	20,577	3,277	122	19	...	...	1,791	85,198	70	57	32,024
Jhang ...	Irrigated ...	1,765	825	91	1	...	...	12,621	90,124	342	5	34
	Unirrigated ...	2,914	291	...	...	...	...	...	373	...	...	...
	Total ...	4,679	1,116	91	1	...	...	12,621	90,497	342	5	34
Montgomery ...	Irrigated ...	6,717	9	194	1	...	...	648	40,255	112	2	25
	Unirrigated ...	2,988	3	...	...	...	...	...	155	...	...	...
	Total ...	9,705	12	194	1	...	...	648	40,410	112	2	25
Lahore ...	Irrigated ...	1,312	6,837	1,665	1	1	15	8,719	89,583	1,135	17	4
	Unirrigated ...	2,757	489	...	...	...	...	36	4,095	139	...	1
	Total ...	4,069	7,326	1,665	1	1	15	8,755	93,678	1,274	17	5

Crop Return of the Districts of the Punjab for Kharíf 1897—continued.

1	2	16	17	18	19	20	21	22	23	24	25	26
		Oil-seeds.		Condiments and Spices.					Fibres.			Dyes.
District.	Irrigated or Unirrigated.	Til.	Others.	Chillies.	Ginger and spices.	Turmeric.	Others.	Sugarcane.	Cotton.	Hemp.	Others.	Indigo.
Amritsar	Irrigated ...	728	11,355	462	...	...	..	19,601	25,733	1,044	67	...
	Unirrigated ...	4,064	1,522	17	...	...	...	1,285	1,559	576	16	...
	Total ...	4,792	12,877	479	...	...	...	20,886	27,292	1,620	83	...
Gurdáspur	Irrigated ...	822	3,748	352	...	207	25	25,044	6,417	240	...	...
	Unirrigated ...	27,6 8	3,238	26	...	116	76	23,094	16,545	4,866	...	...
	Total ...	28,440	6,986	378	...	323	101	48,138	22,962	5,106	...	...
Siálkot	Irrigated ...	410	8,101	750	1	118	9	28,447	21,175	534	55	...
	Unirrigated ...	5,824	5,827	9	...	9	11	7,027	8,447	2,604	148	...
	Total ...	6 234	13,928	759	1	127	20	35,474	29,622	3,138	203	...
Gujrát	Irrigated ...	388	2,433	65	...	...	...	6,324	11,672	78	22	...
	Unirrigated ...	6,014	5 8	1	...	...	...	1,067	20,398	889	5	...
	Total ...	6,402	2,941	66	...	...	...	7,391	32,070	967	27	...
Gujránwála	Irrigated ...	982	8,713	196	...	...	...	22,343	57,222	695	88	139
	Unirrigated ...	2,142	1,055	...	...	...	...	287	1,378	81	130	1
	Total ...	3 124	9 768	196	...	...	...	22 630	58,600	776	218	140
Shahpur	Irrigated ...	939	1	58	...	...	...	1,488	22,603	17	2	8
	Unirrigated ...	1,288	20	...	...	...	...	31	5,454	33	...	1
	Total ...	2,227	21	58	...	...	...	1,519	28,057	50	2	9
Jhelum	Irrigated ...	13	1	324	...	...	2	205	2,895	16	4	...
	Unirrigated ...	857	...	3	...	...	67	4	30,907	976	78	...
	Total ...	870	1	327	...	...	69	209	33,802	992	82	...

Ráwalpindi ...	Irrigated ...	21	...	200	...	1	1	1,679	3,040	17	15	...
	Unirrigated ...	2,246	...	4	3	...	6	13	29,905	1,559	3	...
	Total ...	2,267	...	204	3	1	7	1,692	32 945	1,576	18	...
Hazára ...	Irrigated ...	26	...	53	...	629	...	713	976	13	1	...
	Unirrigated ...	477	5	1	...	...	...	...	7,865	112	44	...
	Total ...	503	5	54	...	629	-	713	8,841	125	45	...
Pesháwar ...	Irrigated ...	323	...	444	...	...	...	11,955	13.298	57	...	...
	Unirrigated ...	7,203	...	...	...	...	...	9	2,608	...	...	...
	Total ...	7,526	...	444	...	...	...	11,964	15,906	57	...	...
Kohát ...	Irrigated ...	162	...	38	...	...	...	27	946	...	...	...
	Unirrigated ...	1,488	...	...	...	...	...	...	3,716	...	...	...
	Total ...	1,650	...	38	...	...	...	27	4,662	...	...	...
Bannu ...	Irrigated ...	25	...	32	...	62	...	6,471	2,775	32	...	2
	Unirrigated ...	925	1	...	...	...	...	...	4,911	7	134	...
	Total ...	950	1	32	...	62	...	6 474	7,686	39	134	2
Dera Ismail Khan ...	Irrigated ...	76	...	17	...	...	...	116	6 026	2	...	1
	Unirrigated ...	5,251	...	...	...	...	..	...	6,372	1	...	...
	Total ...	5,327	...	17	...	...	...	116	12,398	3	...	1
Dera Gházi Khan ...	Irrigated ...	1,031	1	39	...	...	71	108	18,979	1	...	4,505
	Unirrigated ...	319	5	...	...	...	...	21	3,171	...	...	...
	Total ...	1,350	6	39	...	...	71	129	22,150	1	...	4,505
Muzaffargarh ...	Irrigated ...	886	20	83	...	...	...	4,814	15,288	1	...	22,682
	Unirrigated ...	1,169	81	...	...	...	...	...	40	1	...	...
	Total ...	2,055	101	83	...	...	...	4,814	15,328	2	...	22,682
GRAND TOTAL OF THE PUNJAB.	Irrigated ...	35,986	45,459	10,441	164	1,406	127	280,184	708,915	11,428	539	89,790
	Unirrigated ...	135,293	20,190	427	42	536	178	67,936	284,307	35,722	1,229	4,838
	Total ...	171,279	65,649	10,868	206	1,942	305	348,120	993,222	47,150	1,768	94,628
Figures for Kharíf 1896	...	179,077	58,314	12,094	163	2,267	505	398,202	994,368	49,249	1,971	123,753
Difference + or − ...	...	— 7,798	+ 7,335	— 1,226	+ 43	— 325	— 200	— 50,082	— 1,146	— 2,099	— 203	— 29,125

Crop Return of the Districts of the Punjab for Kharif 1897—continued.

1	2	27	28	29	30	31	32	33	34	35	36
		DRUGS AND NARCOTICS.			MISCELLANEOUS FOOD CROPS.						
					Orchards and garden produce.						
District.	Irrigated or Unirrigated.	Tea.	Others.	Fodder crops not shown otherwise.	Fruits.	Vegetables.	Others.	Miscellaneous non-food crops.	Total of all crops.	Area of crops failed.	Total area sown.
Hissar ...	Irrigated ...	...	...	3,455	41	141	...	...	119,671	4,776	124,447
	Unirrigated ...	...	...	146,330	...	30	...	...	1,175,381	356,351	1,531,732
	Total ...	...	...	149,785	41	171	...	...	1,295,052	361,127	1,656,179
Rohtak ...	Irrigated ...	...	...	169	52	238	4	...	84,118	955	85,073
	Unirrigated ...	...	...	40	21	119	...	...	577,827	61,744	639,571
	Total ...	...	...	209	73	357	4	...	661,945	62,699	724,641
Gurgaon ...	Irrigated ...	...	6	6	194	247	16	...	36,966	838	37,804
	Unirrigated ...	...	20	391	223	488	24	6	606,579	32,992	639,571
	Total ...	...	26	397	417	735	40	6	643,545	33,830	677,375
Delhi ...	Irrigated ...	...	...	313	1,346	944	162	28	45,035	779	45,814
	Unirrigated ...	...	...	8,217	107	316	139	272	236,805	30,043	266,848
	Total ...	...	...	8,530	1,453	1,260	301	300	281,840	30,822	312,662
Karnál ...	Irrigated ...	...	...	508	44	3 9	116	20	106,152	2,581	108,733
	Unirrigated ...	...	...	35,067	34	149	56	1,025	486,997	54,277	541,274
	Total ...	...	...	35,575	78	478	172	1,045	593,149	56,858	650,007
Umballa ...	Irrigated ...	...	...	2	93	181	2	8	15,758	597	16,365
	Unirrigated ...	4	...	3,926	234	439	261	63	462,314	53,071	515,385
	Total ...	4	...	3,928	327	620	263	71	478,082	53,668	531,750

Simla	Irrigated ...	...	...	...	6	1	1	...	774	11	785
	Unirrigated ...	52	...	12	31	5	165	...	7,324	422	7,746
	Total ...	52	...	12	37	6	166	...	[illegible]98	433	8,531
Kángra	Irrigated ...	3,677	...	5	207	210	223	8	99,171	1,643	100,814
	Unirrigated ...	6,331	...	128	245	973	775	435	307,944	17,560	325,504
	Total ...	10,008	...	133	452	1,183	998	443	407,115	19,203	426,318
Hoshiárpur	Irrigated ...	...	...	21	156	284	5	...	30,411	321	30,732
	Unirrigated ...	...	...	14,690	10,478	213	381	2	370,419	25,580	395,999
	Total ...	...	...	14,711	10,634	497	386	2	400,830	25,901	426,731
Jullundur	Irrigated ...	...	...	1,363	135	372	65	9	154,446	3,926	158,372
	Unirrigated ...	...	...	9,000	20	40	676	60	189,434	15,672	205,106
	Total ...	...	...	10,363	155	412	741	69	343,880	19,598	363,478
Ludhiána	Irrigated ...	...	...	726	122	173	11	10	91,958	1,909	93,867
	Unirrigated ...	...	6	9,659	31	381	238	278	241,883	24,666	266,549
	Total ...	...	6	10,385	153	554	249	288	333,841	26,575	360,416
Ferozepore	Irrigated ...	...	...	86,688	111	472	90	24	310,232	15,321	325,553
	Unirrigated ...	...	...	60,964	11	125	191	16	274,117	134,348	408,465
	Total ...	...	...	147,652	122	597	281	40	584,349	149,669	734,018
Mooltan	Irrigated ...	...	1	1,409	588	377	52	149	288,990	74,454	363,444
	Unirrigated ...	...	...	14	2	2	1	336	10,252	3,818	14,070
	Total ...	...	1	1,423	590	379	53	485	299,242	78,272	377,514
Jhang	Irrigated ...	...	...	2,006	12	352	7	...	262,297	13,366	275,663
	Unirrigated ...	...	...	20	...	641	5	...	51,029	3,455	54,484
	Total ...	...	...	2,026	12	993	12	...	313,326	16,821	330,147
Montgomery	Irrigated ...	...	...	40,144	89	48	6	5	147,025	23,874	170,899
	Unirrigated ...	...	...	1,511	...	...	1	...	10,293	5,063	15,356
	Total ...	...	...	41,655	89	48	7	5	157,318	28,937	186,255
Lahore	Irrigated ...	...	1	1,068	709	1,731	50	106	291,069	25,824	316,893
	Unirrigated ...	...	21	5	2	202	60	...	54,512	52,865	107,377
	Total ...	...	22	1,073	711	1,933	110	106	345,581	78,689	424,270

Crop Return of the Districts of the Punjab for Kharíf 1897—concluded.

1	2	27	28	29	30	31	32	33	34	35	36
District.	Irrigated or Unirrigated.	Drugs and Narcotics.		Fodder crops not shown otherwise.	Miscellaneous food crops.			Miscellaneous non-food crops.	Total of all crops.	Area of crops failed.	Total area sown.
					Orchards and garden produce.						
		Tea.	Others.		Fruits.	Vegeta-bles.	Others.				
Amritsar ...	Irrigated ...	...	...	1,010	602	1,113	216	11	192,767	7,496	200,263
	Unirrigated ...	...	...	1,518	15	43	439	14	112,472	14,558	127,030
	Total ...	...	...	2,528	617	1,156	655	25	305,239	22,054	327,293
Gurdáspur ...	Irrigated ...	...	...	2,488	455	983	5	...	99,533	3,072	102,605
	Unirrigated ...	...	...	40,974	961	548	316	210	315,937	26,211	342,148
	Total ...	...	...	43,462	1,416	1,531	321	210	415,470	29,283	414,753
Siálkot ...	Irrigated ...	...	...	1,691	462	923	313	30	161,762	14,051	175,813
	Unirrigated ...	...	...	10,481	533	95	1,282	26	196,891	31,747	228,638
	Total ...	...	...	12,172	995	1,018	1,595	56	358,6[illegible]3	45,798	404,451
Gujrát ...	Irrigated ...	...	...	828	109	237	84	103	58,265	8,261	66,526
	Unirrigated ...	...	...	9[illegible]9	84	11	30	11	218,477	61,827	280,304
	Total ...	...	...	1,827	193	248	114	114	276,742	70,088	346,830
Gujránwála ...	Irrigated ...	...	1	1,779	227	441	123	1	202,970	14,431	217,401
	Unirrigated ...	...	...	1,599	345	165	1,364	...	71,4[illegible]3	51,896	123,389
	Total ...	...	1	3,378	572	606	1,487	1	274,463	66,327	34[illegible] 790
Shahpur ...	Irrigated ...	...	...	1,237	...	172	140	444	75,887	12,926	88,813
	Unirrigated ...	...	...	646	...	88	6,692	12	165,873	41,051	206,924
	Total ...	...	...	1,883	...	260	6,832	456	241,760	53,977	295,737
Jhelum ...	Irrigated ...	...	...	801	120	190	2	58	[illegible]33	640	14,273
	Unirrigated ...	...	...	17,539	...	54	2	10	323,413	98,460	421,873
	Total ...	...	...	18,340	120	244	4	68	337,046	99,100	43[illegible],146

Rawalpindi ...	Irrigated ...	...	...	28	34	389	18	4	32,663	1,242	33,905
	Unirrigated ...	...	2	133	13	1,077	119	2	446,856	123,354	570,210
	Total ...	...	2	161	47	1,466	137	6	479,519	124,596	604,115
Hazára ...	Irrigated ..	...	...	2	18	132	6	3	35,115	1,022	36,137
	Unirrigated ...	...	...	116	11	199	99	15	227,304	24,211	251,515
	Total ...	...	...	118	29	331	105	18	262,419	25,233	287,652
Peshâwar ...	Irrigated ...	...	...	953	1,135	911	110	91	194,965	4,975	199,940
	Unirrigated ...	...	...	103	...	...	214	...	72,631	8,533	81,164
	Total ..	...	...	1,056	1,135	911	324	91	267,596	13,508	281,104
Kohát ...	Irrigated ...	...	...	...	63	170	...	...	19,213	1,686	20,899
	Unirrigated ...	...	...	...	...	...	...	...	95,567	19,776	115,343
	Total ...	...	...	...	63	170	...	...	114,780	21,462	136,242
Bannu ...	Irrigated ...	...	...	27	30	229	87	...	55,236	2,540	57,776
	Unirrigated ...	...	...	254	...	3	8,908	...	189,308	20,353	209,661
	Total ...	...	...	281	30	232	8,995	...	244,544	22,893	267,437
Dera Ismail Khan ...	Irrigated ...	...	...	8	24	113	290	31	30,429	5,142	35,571
	Unirrigated ...	...	...	2	...	...	9,231	...	170,841	48,518	219,359
	Total ...	...	...	10	24	113	9,521	31	201,270	53,660	254,930
Dera Ghâzi Khan ...	Irrigated ...	...	...	2,689	285	162	33	...	126,017	29,712	155,729
	Unirrigated ...	...	...	4,027	7	131	...	...	205,934	35,124	241,058
	Total ...	...	...	6,716	292	293	33	...	331,951	64,836	396,787
Muzaffargarh ...	Irrigated ...	...	...	2,820	42	189	2	1	131,294	15,104	146,398
	Unirrigated ...	...	...	150	...	2	...	...	4,137	1,280	5,417
	Total ...	...	...	2,970	42	191	2	1	135,431	16,384	151,815
Grand Total of the Punjab	Irrigated ...	3,677	9	154,244	7,511	12,454	2,239	1,144	3,513,832	293,475	3,807,307
	Unirrigated ...	6,387	49	368,515	13,408	6,539	31,669	2,793	7,880,244	1,478,826	9,359,070
	Total ...	10,064	58	522,759	20,919	18,993	33,908	3,937	11,394,076	1,772,301	13,166,377
Figures for Kharíf 1896 ...	...	9,905	136	213,302	20,066	16,991	25,160	3,280	8,144,776	4,409,482	12,554,258
Difference + or — ...	...	+ 159	— 78	+ 309,457	+ 853	+ 2,002	+ 8,748	+ 657	+ 3,249,300	−2,637,181	+ 612,119

MORTUARY RETURN FO

Deaths registered from different causes in each district o

No.	Districts.	Population according to Census of 1891.	Births.	Deaths.	Birth-rate per *mille* per annum.	Death-rate per *mille* per annum.	Cholera. Males.	Cholera. Females.	Cholera. Total.	Small-pox. Children under one year. Males.	Small-pox. Children under one year. Females.	Small-pox. One to under 12 years. Males.	Small-pox. One to under 12 years. Females.	Small-pox. Twelve and over 12 years. Males.	Small-pox. Twelve and over 12 years. Females.	Total of Small-pox.	CAUS… Fevers. Males.	Fevers. Females.	Fevers. Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Hissar ...	775,808	2,386	2,900	36	44	...	...	...	...	...	1	...	...	...	1	1,235	1,153	2,38
2	Rohtak ...	590,446	2,121	1,748	42	35	...	...	...	...	...	...	...	...	...	...	687	549	1,23
3	Gurgaon ...	668,863	2,676	2,469	47	43	...	...	...	2	...	3	2	...	1	8	947	892	1,83
4	Delhi ...	635,224	2,471	2,214	46	41	...	...	...	...	...	...	...	...	...	...	627	699	1,32
5	Karnál ...	683,652	2,848	3,259	49	56	...	...	...	1	[illegible]	1	4	2	...	10	1,268	1,184	2,45
6	Umballa ...	982,291	2,500	2,833	30	34	...	...	...	4	[illegible]	2	...	1	1	10	971	947	1,91
7	Simla ...	35,246	54	62	18	21	...	...	...	...	...	...	...	...	...	...	12	9	2
8	Kángra ...	759,458	2,674	2,229	41	35	...	...	...	...	...	...	...	...	...	...	730	693	1,42
9	Hoshiárpur ...	1,011,644	3,642	2,404	42	28	...	...	...	7	4	14	8	4	8	45	602	636	1,2
10	Jullundur ...	891,347	3,492	2,294	46	30	...	...	...	4	1	5	2	3	...	15	637	643	1,28
11	Ludhiána ...	648,655	2,471	2,521	45	46	...	...	...	2	...	6	4	...	4	16	810	792	1,60
12	Ferozepore ...	861,499	3,004	3,155	41	43	...	...	...	2	2	7	9	2	3	25	1,042	1,145	2,18
13	Mooltan ...	620,859	2,213	3,60[illegible]	42	68	...	...	...	1	...	3	1	...	1	6	1,391	1,493	2,[illegible]8
14	Jhang ...	436,821	2,12[illegible]	3,191	57	86	...	...	...	...	...	...	...	1	...	1	1,389	1,188	2,57
15	Montgomery	499,449	1,527	1,758	36	41	...	...	...	1	1	8	8	...	...	18	527	499	1,02
16	Lahore ...	1,055,619	4,162	3,449	46	38	...	...	...	2	1	10	7	1	2	23	1,175	1,124	2,29
17	Amritsar ...	990,990	4,274	3,048	51	36	...	...	...	3	3	7	5	1	1	20	839	809	1,64
18	Gurdáspur ...	940,785	3,605	2,517	45	32	...	...	...	2	1	8	4	1	1	17	789	645	1,43
19	Siálkot ...	1,098,712	4,525	2,958	48	32	...	...	...	15	10	14	16	1	1	57	887	877	1,76
20	Gujrát ...	760,823	2,041	2,323	32	36	...	...	...	1	1	...	1	...	...	3	941	802	1,74
21	Gujránwála ...	690,061	2,812	2,518	48	43	...	...	...	...	...	...	1	...	...	1	981	921	1,90
23	Shahpur ...	493,535	1,498	2,485	36	59	...	...	...	...	...	...	1	...	...	1	1,049	1,044	2,09
23	Jhelum ...	605,774	1,789	2,939	35	57	...	...	...	4	4	2	2	1	3	16	1,198	1,210	2,40
24	Ráwalpindi ...	845,259	2,577	4,3[illegible]8	36	6[illegible]	...	...	...	5	11	6	3	1	2	28	1,771	1,770	3,54
25	Hazára ...	476,125	1,363	1,18[illegible]	34	29	...	...	...	3	10	9	10	2	1	35	432	446	87
26	Pesháwar ...	679,183	1,35[illegible]	1,826	23	32	...	...	...	1	...	9	4	...	...	14	898	768	1,66
27	Kohát ...	182,487	607	1,168	39	75	...	...	...	3	...	5	2	...	...	10	483	497	98
28	Bannu ...	369,972	[illegible],340	2,414	43	77	...	...	...	...	...	...	...	...	...	...	1,070	1,152	2,22
29	D. I. Khan ...	482,463	1,331	5,125	32	125	...	...	...	...	1	3	1	...	...	5	2,28[illegible]	2,253	4,53
30	D. G. Khan ...	399,860	898	2,126	26	63	...	...	...	...	...	1	1	...	...	2	1,035	947	1,98
31	Muzaffargarh	381,072	1,209	2,555	37	79	...	...	...	...	1	4	1	...	...	6	1,16[illegible]	1,082	2,24
	TOTAL ...	20,553,982	71,587	79,59	41	46	...	...	...	6	55	128	97	21	29	393	29,869	28,869	58,73
	Total in previous month...	...	76,768	98,688	45	58	...	...	...	5[illegible]	52	125	9[illegible]	19	37	383	37,05[illegible]	39,330	76,38
	Total in same month of past year ...	...	87,1[illegible]2	50,453	50	29	1	...	1	494	483	683	697	122	141	2,620	15,650	14,532	30,18

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 10th February 1898.

THE MONTH OF DECEMBER 1897.

the Punjab during the month of December 1897.

OF DEATH.

No.	Dysentery and Diarrhœa.			Injuries. Suicide.			Injuries. Wounding.			Injuries. Accidents.			Injuries. Snake-bite and killed by wild beasts.			All other causes.			Total Deaths from all causes.			Districts.
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	
1	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
1	52	52	104	...	...	...	...	...	...	...	2	2	...	...	...	203	202	405	1,491	1,409	2,900	Hissar.
2	44	36	80	1	...	1	...	...	...	...	...	...	...	...	...	210	221	431	942	806	1,748	Rohtak.
3	57	53	110	...	1	1	1	...	1	4	5	9	1	...	1	277	223	500	1,292	1,177	2,469	Gurgaon.
4	69	47	116	...	...	...	...	...	...	4	5	9	...	1	1	398	364	762	1,098	1,116	2,214	Delhi.
5	35	34	69	1	1	2	...	...	...	7	3	10	...	...	...	347	369	716	1,662	1,597	3,259	Karnál.
6	53	55	108	...	...	...	...	...	...	3	2	5	1	...	1	388	403	791	1,423	1,410	2,833	Umballa.
7	1	6	7	...	...	...	1	...	1	...	2	2	...	...	...	19	12	31	33	29	62	Simla.
8	43	36	79	...	1	1	...	...	...	5	6	11	...	1	1	362	352	714	1,140	1,089	2,229	Kángra.
9	35	32	67	...	...	...	1	...	1	9	5	14	...	...	...	584	455	1,039	1,256	1,148	2,404	Hoshiárpur.
10	30	24	54	1	...	1	...	...	...	1	2	3	...	...	...	439	502	941	1,120	1,174	2,294	Jullundur.
11	33	34	67	...	1	1	1	...	1	3	9	12	...	...	...	462	360	822	1,317	1,204	2,521	Ludhiána.
12	61	38	99	1	...	1	1	1	2	3	...	3	3	...	3	436	399	835	1,558	1,597	3,155	Ferozepore.
13	55	43	98	1	...	1	1	1	2	3	2	5	3	...	3	323	281	604	1,781	1,822	3,603	Mooltan.
14	26	20	46	...	...	...	...	...	...	6	5	11	...	...	...	292	264	556	1,714	1,477	3,191	Jhang.
15	24	12	36	...	...	...	...	...	...	2	2	4	1	1	2	336	336	672	899	859	1,758	Montgomery.
16	52	28	80	2	...	2	4	...	4	5	5	10	5	2	7	514	510	1,024	1,770	1,679	3,449	Lahore.
17	70	39	109	...	...	...	2	...	2	4	3	7	1	...	1	605	656	1,261	1,532	1,516	3,048	Amritsar.
18	39	25	64	...	...	...	...	...	...	8	1	9	1	...	1	551	441	992	1,399	1,118	2,517	Gurdáspur.
19	44	16	60	...	2	2	...	1	1	7	2	9	...	...	...	549	516	1,065	1,517	1,441	2,958	Siálkot.
20	21	4	25	...	...	...	1	...	1	7	...	7	1	...	1	291	252	543	1,263	1,060	2,323	Gujrát.
21	11	9	20	1	...	1	...	...	...	10	3	13	1	2	3	293	285	578	1,297	1,221	2,518	Gujránwála.
22	17	10	27	...	...	...	...	...	...	2	2	4	...	3	3	183	174	357	1,251	1,234	2,485	Shahpur.
23	21	11	32	...	...	...	4	3	7	6	3	9	1	2	3	243	221	464	1,480	1,459	2,939	Jhelum.
24	15	6	21	...	...	...	4	...	4	8	7	15	1	...	1	382	326	708	2,193	2,125	4,318	Ráwalpindi.
25	2	2	4	...	...	...	1	...	1	5	5	10	...	1	1	129	126	255	583	601	1,184	Hazára.
26	5	2	7	...	...	...	6	...	6	1	2	3	...	...	...	74	56	130	994	832	1,826	Pesháwar.
27	4	6	10	...	...	...	2	1	3	...	2	2	...	...	...	83	80	163	580	588	1,168	Kohát.
28	15	11	26	...	1	1	2	...	2	...	...	...	...	...	...	85	78	163	1,172	1,242	2,414	Bannu.
29	66	74	140	...	...	...	2	...	2	...	1	1	...	...	...	206	235	441	2,560	2,565	5,125	D. I. Khan.
30	23	15	38	...	...	...	2	1	3	...	3	3	...	1	1	46	51	97	1,107	1,019	2,126	D. G. Khan.
31	54	37	91	...	...	...	1	...	1	3	1	4	...	...	...	110	98	208	1,335	1,220	2,555	Muzaffargarh.
	1,077	817	1,894	8	7	15	37	8	45	116	90	206	20	14	34	9,420	8,848	18,268	40,759	38,834	79,593	TOTAL.
	1,210	971	2,181	16	11	27	28	4	32	138	79	217	39	12	51	9,944	9,471	19,415	48,626	50,062	98,688	Total in previous month.
	682	489	1,171	12	21	33	37	13	50	189	139	328	24	1	25	8,203	7,840	16,043	26,097	24,356	50,453	Total in same month of past year.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGN.-LT.-COL.,

Sanitary Commissioner, Punjab.

Remarks by the Sanitary Commissioner, Punjab.

Seventy-one thousand five hundred and eighty-seven births were registered in the Province durin the month of December 1897, giving a birth-rate of 41 per *mille* of population. Of the total number births, 37,295 were boys and 34,292 were girls.

The total number of deaths registered from all causes in the Province during the month December 1897 was 79,593 against 98,688 in the previous month and 50,453 in the corresponding mont of the past year, giving an annual death-rate of 46, 58 and 29 per *mille* of population per annu respectively.

There was not a single death registered under the head of cholera.

From small-pox 393 deaths were registered against 383 in the previous month and 2,620 in th corresponding month of the past year; fevers 58,738 against 76,382 and 30,182; dysentery and diarrhœ 1,894 against 2,181 and 1,171.

During the month there were 15 deaths registered from suicide against 27 in the past month wounding 45 against 32; accidents 206 against 217; snake-bite and killed by wild beasts 34 against 51 and from all other causes 18,268 against 19,415 and 16,043 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE, LAHORE:
The 11th February 1898.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGN.-LT.-COL.
Sanitary Commissioner, Punja

Statement showing the number of Births registered according to classes in the several Districts of the Punjab during the Month of December 1897.

No.	DISTRICTS.	CHRISTIANS.			HINDUS.			MUHAMMADANS.			OTHER CLASSES.			TOTAL.			Birth-rate per *mille* per annum.	No.
		Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
1	Hissar ...	...	...	...	959	896	1,855	267	264	531	...	...	...	1,226	1,160	2,386	36	1
2	Rohtak ...	...	...	...	931	944	1,875	125	121	246	...	...	...	1,056	1,065	2,121	42	2
3	Gurgaon ...	...	...	...	936	880	1,816	470	390	860	...	...	...	1,406	1,270	2,676	47	3
4	Delhi ...	3	5	8	927	908	1,835	318	288	606	12	10	22	1,260	1,211	2,471	46	4
5	Karnál ...	...	...	...	1,068	971	2,039	423	386	809	...	...	...	1,491	1,357	2,848	49	5
6	Umballa ...	...	...	...	902	842	1,744	400	356	756	...	...	...	1,302	1,198	2,500	30	6
7	Simla ...	1	...	1	27	19	46	5	2	7	...	...	...	33	21	54	18	7
8	Kángra ...	1	2	3	1,277	1,260	2,537	67	67	134	...	...	...	1,345	1,329	2,674	41	8
9	Hoshiárpur ...	1	...	1	1,221	1,183	2,404	639	598	1,237	...	...	...	1,861	1,781	3,642	42	9
10	Jullundur ...	...	...	...	924	860	1,784	898	810	1,708	...	...	...	1,822	1,670	3,492	46	10
11	Ludhiána ...	...	...	...	819	799	1,618	422	431	853	...	...	...	1,241	1,230	2,471	45	11
12	Ferozepore ...	...	...	...	852	800	1,652	681	671	1,352	...	...	...	1,533	1,471	3,004	41	12
13	Mooltan ...	...	...	...	227	215	442	922	849	1,771	...	...	...	1,149	1,064	2,213	42	13
14	Jhang ...	...	...	...	252	241	493	866	763	1,629	...	...	...	1,118	1,004	2,122	57	14
15	Montgomery ...	...	...	...	180	194	374	628	525	1,153	...	...	...	808	719	1,527	36	15
16	Lahore ...	3	3	6	589	571	1,160	1,561	1,434	2,995	...	1	1	2,153	2,009	4,162	46	16
17	Amritsar ...	5	1	6	1,222	1,124	2,346	990	932	1,922	...	...	...	2,217	2,057	4,274	51	17
18	Gurdáspur ...	6	4	10	915	847	1,762	958	875	1,833	...	...	...	1,879	1,726	3,605	45	18
19	Siálkot ...	11	6	17	715	744	1,459	1,553	1,482	3,035	4	10	14	2,283	2,242	4,525	48	19
20	Gujrát ...	...	...	...	195	166	361	915	765	1,680	...	...	...	1,110	931	2,041	32	20
21	Gujránwála ...	3	1	4	378	341	719	1,109	980	2,089	...	...	...	1,490	1,322	2,812	48	21
22	Shahpur ...	...	...	...	139	131	270	619	609	1,228	...	...	...	758	740	1,498	36	22
23	Jhelum ...	...	...	...	110	99	209	830	750	1,580	...	...	...	940	849	1,789	35	23
24	Ráwalpindi ...	...	...	...	158	124	282	1,197	1,094	2,291	2	2	4	1,357	1,220	2,577	36	24
25	Hazára ...	...	...	...	26	46	72	717	574	1,291	...	...	...	743	620	1,363	34	25
26	Peshâwar ...	...	...	...	31	20	51	749	554	1,303	1	...	1	781	574	1,355	23	26
27	Kohát ...	...	...	...	2	3	5	338	264	602	...	...	...	340	267	607	39	27
28	Bannu ...	...	...	...	74	63	137	663	540	1,203	...	...	...	737	603	1,340	43	28
29	Dera Ismail Khan	...	...	...	105	88	193	616	522	1,138	...	...	...	721	610	1,331	32	29
30	Dera Ghâzi Khan	...	...	...	62	58	120	425	350	775	1	2	3	488	410	898	26	30
31	Muzaffargarh ...	...	...	...	69	68	137	578	493	1,071	...	1	1	647	562	1,209	37	31
	TOTAL ...	34	22	56	16,292	15,505	31,797	20,949	18,739	39,688	20	26	46	37,295	34,292	71,587	41	

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 10th February 1898.

W. A. CRAWFORD ROE, F. R. C. S., BRIGADE-SURGEON-LT.-COL.,
Sanitary Commissioner, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 29TH JANUARY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of birth per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	3	5	8	13	3	10	...	...	...	5	1	...	7	...	2	2	25	40	1
2		Hansi ...	15,190	2	6	8	8	5	3	...	...	...	5	...	...	3	...	1	1	27	27	2
3		Bhiwani ...	35,487	6	8	14	24	16	8	...	...	...	15	...	...	9	7	1	8	21	35	3
4		Sirsa ...	16,415	5	4	9	14	4	10	...	...	...	7	2	...	5	...	4	4	29	44	4
5	Rohtak ...	Rohtak ...	16,191	5	3	8	5	3	2	...	...	...	2	...	...	3	2	...	2	26	16	5
6		Jhajjar ...	11,881	3	2	5	3	1	2	...	...	...	...	...	...	3	1	...	1	22	13	6
7	Gurgaon ...	Rewari ...	27,934	5	8	13	11	5	6	...	...	...	5	...	...	6	2	2	4	24	21	7
8		Palwal ...	11,227	2	4	6	8	3	5	...	...	...	3	...	...	5	...	2	2	28	37	8
9	Delhi ...	Delhi ...	189,648	62	56	118	108	51	57	...	...	...	62	2	1	43	5	7	12	32	30	9
10		Sonepat ...	12,611	6	3	9	4	2	2	...	...	...	1	...	...	3	...	...	...	37	17	10
11	Karnal ...	Karnal ...	21,530	11	11	22	8	5	3	...	...	...	7	...	...	1	1	1	2	53	19	11
12		Kaithal ...	15,768	5	8	13	14	7	7	...	...	...	6	...	...	8	1	2	3	43	46	12
13		Panipat ...	27,547	6	6	12	15	6	9	...	...	...	6	...	1	8	2	1	3	23	28	13
14		Shahabad ...	11,473	1	1	2	2	1	1	...	...	...	2	...	...	...	1	...	1	9	9	14
15	Umballa ...	Umballa ...	26,856	12	8	20	11	7	4	...	...	...	4	1	...	6	3	...	3	39	21	15
16		Jagadhri ...	13,029	2	2	4	6	3	3	...	...	...	5	...	...	1	1	1	2	16	24	16
17		Sadhaura ...	10,445	2	5	7	2	...	2	...	...	...	2	...	...	...	...	...	...	35	10	17
18	Hoshiarpur	Hoshiarpur ...	Returns not received.																			18
19		Tanda and Urmar																				19
20	Jullundur ...	Jullundur ...	50,375	18	13	31	22	8	14	...	...	...	13	1	...	8	2	4	6	32	23	20
21		Rahon ...	10,667	3	2	5	8	2	6	...	...	...	6	...	...	2	1	1	2	24	39	21
22		Kartarpur ...	10,441	9	6	15	2	2	...	...	...	...	...	...	...	2	...	...	...	75	10	22
23	Ludhiana ...	Ludhiana ...	46,024	15	9	24	28	14	14	...	...	...	13	2	...	13	...	1	1	27	32	23
24		Jagraon ...	18,116	9	5	14	7	5	2	...	...	...	3	...	...	4	2	...		40	20	24
25	Ferozepore ...	Ferozepore ...	25,337	4	5	9	12	4	8	...	...	...	7	1	...	4	2	1	3	19	25	25
26	Mooltan ...	Mooltan ...	64,265	21	31	52	46	26	20	...	...	...	16	4	...	26	7	8	15	42	37	26
27	Jhang ...	Maghiana ...	13,866	8	6	14	13	6	7	...	...	...	5	...	...	8	3	2	5	53	49	27
28		Chiniot ...	13,476	5	4	9	5	4	1	...	...	...	2	...	...	3	2	1	3	35	19	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	50	33	83	94	52	42	...	...	...	47	1	2	44	12	8	20	27	31	29
30		Kasur ...	20,290	6	9	15	6	4	2	...	...	...	5	...	...	1	1	...	1	39	15	30
31		Chunian ...	10,339	6	4	10	11	7	4	...	...	...	4	1	...	6	1	2	3	50	55	31
32	Amritsar ...	Amritsar ...	135,401	57	68	125	70	35	35	...	...	...	35	3	1	31	7	7	14	48	27	32
33	Gurdaspur ...	Batala ...	27,223	7	4	11	18	10	8	...	...	1	9	3	...	5	1	...	1	21	34	33
34	Sialkot ...	Sialkot ...	33,965	26	16	42	22	10	12	...	...	3	6	3	...	10	5	6	11	64	34	34
35	Gujrat ...	Gujrat ...	17,671	10	7	17	5	4	1	...	...	...	3	...	...	2	2	...	2	50	15	35
36		Jalalpur ...	11,065	3	1	4	5	2	3	...	...	...	1	1	...	3	1	...	1	19	24	36
37	Gujranwala ...	Gujranwala ...	25,892	8	10	18	14	3	11	...	...	...	7	...	...	7	2	...	2	36	28	37
38		Wazirabad ...	15,786	9	5	14	16	9	7	...	...	...	6	...	...	10	1	2	3	46	53	38
39	Shahpur ...	Bhera ...	17,4[illegible]8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40	Jhelum ...	Pind Dadan Khan	Return	not	recei	ved																40
41	Rawalpindi ...	Rawalpindi ...	38,334	12	8	20	43	26	17	...	...	...	24	4	...	15	3	3	6	27	58	41
42	Peshawar ...	Peshawar ...	63,079	27	24	51	38	21	17	...	...	...	23	...	1	14	4	4	8	42	31	42
43	Kohat ...	Kohat ...	14,347	6	4	10	11	7	4	...	...	...	4	1	...	6	2	...	2	36	40	43
44	D. I. Khan ...	Dera Ismail Khan	Return	not	recei	ved.																44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	11	5	16	18	11	7	...	...	...	9	4	...	5	2	2	4	35	39	45
	Grand Total ...		1,346,969	474	420	894	779	399	380	...	...	4	388	39	6	342	89	76	165	35	30	
	Hill Sanitaria.																					
	Simla ...		13,279	2	2	4	2	1	1	...	...	...	1	...	...	1	1	...	1	16	8	
	Dharmsala ...		2,778	...	...	...	2	2	...	...	...	...	1	...	...	1	...	...	...	...	38	
	Dalhousie ...		807	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	65	...	
	Murree ...		1,459	...	...	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...	36	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 16th February 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 29TH JANUARY 1898.

Births and Deaths in Municipal Towns.—In the 41 large Municipal towns 894 births were registered (474 males and 420 females), giving a birth-rate of 35 per *mille* of population; 779 deaths were registered (399 males and 380 females), giving a death-rate of 30 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 16th February 1898.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ending 29th January 1898 on 160·47 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic Train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs A. P.			
Total traffic for the week	*64,657	*43,341 2 0	86,036 30	14,889 6 0	70 0 0	58,300 8 0	10,320	5,910	16,230
Or per mile of Railway	...	270 1 5	...	92 12 7	0 7 0	363 5 0	...	...	...
For previous $3\frac{1}{7}$ weeks of half-year	113,416	87,765 0 0	255,189 20	37,091 7 0	243 0 0	1,25,100 7 0	23,568	11,423	34,991
Total for $4\frac{1}{7}$ weeks ...	178,073	1,31,107 2 0	341,226 10	51,980 13 0	313 0 0	1,83,400 15 0	33,888	17,333	51,221
COMPARISON.									
Total for corresponding week of previous year ...	16,085	11,077 8 11	78,481 10	11,571 3 0	61 13 0	22,710 8 11	6,599	3,230	9,822
Per mile of Railway corresponding week of previous year.	...	69 0 6	...	72 1 9	0 6 2	141 8 5	...	...	...
Total for corresponding $4\frac{2}{7}$ weeks of previous year ...	65,090½	48,156 12 10	297,344 0	39,522 5 0	275 5 3	87,954 7 1	28,103	13,587	41,690

*The increase is due to return traffic in connection with Sun Eclipse.

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 2nd February 1898.

T. BASHFORD,
Acting Chief Auditor.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for the week ending 5th February 1898, on 160·47 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	16,804	14,703 5 0	132,741 10	22,325 3 0	70 0 0	37,098 8 0	8,332	3,970	12,302
Or per mile of Railway	...	91 10 0	...	139 2 0	0 7 0	231 3 0	...	...	...
For previous $4\frac{1}{7}$ weeks of half-year	178,073	1,31,107 2 0	341,226 10	51,980 13 0	313 0 0	1,83,400 15 0	33,888	17,333	51,221
Total for $5\frac{1}{7}$ weeks ...	194,877	1,45,810 7 0	473,967 20	74,306 0 0	383 0 0	2,20,499 7 0	42,220	21,303	63,523
COMPARISON.									
Total for corresponding week of previous year ...	17,302	13,056 8 10	98,151 0	9,841 7 0	42 9 6	22,940 9 4	6,595	4,264	10,859
Per mile of Railway corresponding week of previous year.	...	85 5 10	...	61 5 3	0 4 3	142 15 4	...	...	...
Total for corresponding $5\frac{2}{7}$ weeks of previous year ...	82,392½	61,213 5 8	395,495 0	49,363 12 0	317 14 9	1,10,895 0 5	34,698	17,851	52,549

EAST INDIA RAILWAY,
AUDIT OFFICE:
The 9th February 1898.

T. BASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore—17-2-98—690.

No. 8 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, FEBRUARY 24, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 22nd FEBRUARY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	1·00 at Sadr ... 0·26 in Hansi. 0·68 in Bhiwáni. 0·23 in Fatehabad. 0·20 in Sirsa. 0·57 in Budhlada.	1. Sufficient ... 2. Good.	Wheat 12 seers ... Gram 13 seers. Bájra 23 seers.	...	Recent rain improved standing crops a great deal. Prospects of Canal crops good.
2	Delhi ...	0·03 at Sadr ...	1. Sufficient ... 2. Fair.	Falling ... Wheat 11¼ seers. Gram 12½ seers. Bájra 20 seers.	...	Crops in good condition.
3	Umballa ...	1·01 at Sadr ... 1·47 in Jagádhri. 1·58 in Naráingarh. 1·62 in Kharar. 3·39 in Rúpar.	1. Sufficient ... 2. Good.	Wheat 12 to 13 seers. Gram 12 to 13 seers. Maize 22¼ to 22½ seers.	...	Crops greatly benefited by the recent rain except gram crops in low lying lands which have been slightly damaged.
4	Jullundur ...	Rainfall throughout.	1. Sufficient ... 2. Good.	Wheat 14 seers ... Gram 13¼ seers. Maize 21½ seers.	...	Condition of standing crops good. Stocks of food-grain sufficient.
5	Ferozepore ...	2·33 at Sadr ... 3·53 in City. 1·94 in Moga. 1·75 in Zíra. 0·80 in Muktsar. 0·42 in Fázilka. 0·85 in Nathána. 0·29 in Jalalabad.	1. Sufficient ... 2. Good.	Wheat 13 seers ... Gram 13 seers. Barley 19 seers. Jowár 20 seers. Maize 20 seers.	...	Stocks of food-grain sufficient.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharíf (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	0·28 at Sadr ... 0·05 in Mailsi. 0·31 in Lodhrán. 0·07 in Shujabad. 0·13 in Kabírwála.	1. Sufficient ...	Wheat, 2nd quality, 11 seers.	...	Crops in good condition.
7	Lahore ...	1·68 at Sadr ...	1. Sufficient ... 2. Fair.	Falling ... Wheat 12 to 12¾ seers. Maize 17¾ to 19¼ seers.	Sugarcane is being pressed.	Rain has benefited the crops. Hail in Sharakpur, but did no damage.
8	Amritsar ...	1·83 average ...	1. Scarce in Ajnála Tahsíl. 2. Good.	Wheat 13½ seers. Maize 20 seers.	Sugarcane pressing going on.	Crops in flourishing condition. Food stock sufficient.
9	Siálkot ...	2·98 average ...	1. Prospects improved. 2. Regaining condition.	Wheat 13 to 14 seers. Rice 10 to 11 seers.	Sugarcane pressing continues.	Crops promising except in certain low-lying lands where water has collected.
10	Shahpur ...	1·00 at Sadr ... 1·91 in Bhera. 1·03 in Khusháb.	1. Sufficient ... 2. Good.	Wheat 14 to 16 seers. Bájra 18 to 22 seers.	...	Locusts appeared in Shahpur Tahsíl, but did no damage. Hailstones damaged crops in Khusháb Tahsíl.
11	Ráwalpindi ...	1·86 at Sadr ... 2·74 in Pindigheb. 3·20 in Fatahjang. 2·87 in Attock. 2·62 in Gujar Khan. 2·29 in Kahúta. 4·99 in Murree.	1. Sufficient ...	Wheat 13 seers ... Bájra 18 seers. Maize 22 seers.	...	Prospects excellent. Hail fell in Gujar Khan, but did no damage.
12	Pesháwar ...	0·98 ...	1. Sufficient ... 2. Good.	Wheat 12⅞ seers Maize 22 1/16 seers.	Sugarcane still being pressed. Outturn average.	Rain benefited the standing crops. Stocks of food-grain sufficient.
13	D. I. Khan ...	0·86 at Sadr ... 2·20 in Tánk. 2·60 in Kuláchi. 1·88 in Bhakkar. 1·01 in Leiah. 3·80 in Sheikh Budín.	1. Scarce in parts. 2. Lean in parts.	Wheat 14 seers. Bájra 21¼ seers.	...	Rain has greatly benefited the standing crops.

GENERAL REMARKS.

Rainfall.—Rain has fallen all over the Province averaging from ⅕ of an inch in Mooltan to 3 inches in Siálkot and Ráwalpindi. A slight fall is also reported from Delhi.

Prices.—Rising in Amritsar, Ráwalpindi and Dera Ismail Khan; falling in Delhi, Umballa, Lahore, Shahpur and Pesháwar and unchanged elsewhere. Wheat is selling from 11 to 16, gram 12½ to 13¼, barley 19, bulrush millet 18 to 23, maize 17¾ to 22 1/16 great-millet 20 and rice 10 to 11 seers per rupee.

Agricultural operations.—Sugarcane is being pressed.

Crops and outturn.—Standing spring crops are greatly benefited by the recent rains. Prospects are generally reported excellent. Stocks of food-grain sufficient.

Damage done to crops.—Locusts appeared in parts of Shahpur, but did no damage. Hail fell in parts of Lahore, Ráwalpindi and Shahpur; the crops in Shahpur were slightly damaged. Crops on low-lying lands have also been injured to some extent by water in parts of Umballa and Siálkot.

Agricultural stock.—Cattle are generally in good condition except in parts of Dera Ismail Khan. They are now improving in Siálkot.

Pasturage.—Fodder scarce in parts of Amritsar and Dera Ismail Khan and sufficient elsewhere.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING DECEMBER 1897.

Stations.	Pressure.		Wind.		Temperature in shade.								
	Barometer at 8 A. M.	Variation from normal.	Mean direction and force in December 1897.	Normal direction and force in December.	8 A. M.	Mean maximum.	Variation from normal.	Mean minimum.	Variation from normal.	Mean monthly variation from normal.	Humidity.	Vapour tension.	Amount of cloud, 10 overcast.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Delhi ...	30.093	0	N. 71° W. 4	N. 67° W. 3	52.3	73.5	− 0.8	48.6	+ 0.1	− 0.4	61	.241	2
Sirsa ...	30.123	+ .022	N. 18° E. 3	N. 33° W. 2	47.8	74.9	0	43.4	+ 1.1	+ 0.6	68	.228	1
Umballa ...	30.104	?	N. 50° W. 2	? ?	45.6	72.7	?	42.5	?	?	90	.279	2
Ludhiána ...	30.107	+ .009	N. 31° W. 2	N. 30° W. 1	47.0	70.6	− 0.7	44.8	+ 1.5	+ 0.4	78	.252	3
Lahore ...	30.118	+ .010	S. 60° W. 1	N. 36° W. 1	47.2	68.3	− 3.2	45.2	+ 4.6	+ 0.7	82	.265	2
Montgomery ...	30.117	− .006	E. 3	? ?	48.8	73.0	+ 0.4	44.0	+ 1.3	+ 0.9	7[illegible]	.251	3
Siálkot ...	30.123	+ .029	N. 39° E. 1	N. 79° W. 1	47.0	69.0	− 1.2	43.4	+ 1.4	+ 0.1	78	.252	2
Ráwalpindi ...	30.142	+ .011	N. 72° W. 2	N. 73° W. 1	44.2	65.8	− 1.8	40.1	+ 3.8	+ 1.0	74	.213	4
Khusháb ...	30.141	?	N. 31° E. 3	? ?	47.9	71.0	?	43.7	?	?	71	.237	3
Pesháwar ...	30.143	+ .006	S. 17° E. 2	S. 20° E. 2	44.1	65.8	− 2.0	41.1	+ 2.9	+ 0.5	77	.224	4
Dera Ismail Khan	30.140	+ .012	N. 41° W. 1	N. 3° E. 1	46.5	72.8	− 0.5	42.7	+ 2.1	+ 0.8	81	.262	2
Mooltan ...	30.127	+ .003	N. 72° E. 0	N. 14° E. 1	50.9	73.3	− 0.4	47.1	+ 3.6	+ 1.6	77	.292	2
Simla ...	23.170	+ .002	N. 35° E. 6	N. 83° W. —	42.7	49.4	− 1.9	39.7	− 0.5	− 1.2	36	.094	3
Murree ...	23.925	+ .017	N. 15° W. 7	S. 58° E. 6	43.2	50.6	− 3.1	40.1	+ 0.1	− 1.5	46	.124	5
Srinagar ...	25.032	?	S. 38° E. 4	? ?	31.0	51.2	?	29.4	?	?	86	.149	6
Astor ...	22.332	?	N. 34° W. 4	? ?	27.2	41.6	?	23.6	?	?	71	.107	6
Minimarg ...	21.413	?	S. 89° E. 6	? ?	21.2	39.8	?	13.7	?	?	80	.097	6
Skardu ...	23.011	?	S. 80° W. 3	? ?	27.0	43.1	?	23.5	?	?	100	.154	7
Dras ...	20.839	?	Calm 1	? ?	9.9	31.1	?	2.4	?	?	*69	*.064	6
Cherát ...	25.833	?	N. 4° W. 10a	? ?	46.1	54.6	?	42.6	?	?	51	.153	4

* Mean of 29 days.
a " 19 "

The fine settled weather which prevailed uninterruptedly over the Punjab and surrounding districts during November continued during the present month up to the 7th, when a period of unsettled weather set in which lasted for one week. On the 6th the barometer was rising and the weather fine over India, but over Persia the conditions were becoming unsettled and showery. On the 7th the barometer was falling rapidly over the Punjab and slight cloud had appeared, but there had been no rain either on the hills or plains. On the 8th the barometer was still falling, the sky had become more cloudy, and light rain was reported from Dera Ismail Khan, Cherát and the Balúchistán stations. On the 9th the barometer was rising again, the sky was clearing, and the only rainfall reported was a few light showers at Lahore, Siálkot, Dera Ismail Khan, Murree, Srinagar and Cherát, but the barometer was falling again in Persia and further unsettled weather was approaching this Province from the westward. The observations of the 10th showed the barometer falling again over North-west India with cloudy to overcast weather, and on the 11th and 12th general snow fell on the hills and rain on the plains. At Lahore, Ráwalpindi, Khusháb and Cherát the rainfall exceeded one inch. On the 13th the disturbed weather was passing away, but showers of rain were reported from Ráwalpindi, Murree and Simla and snow from Kashmir. By the morning of the 14th the weather had cleared, and from the 14th to the 28th the weather was settled fine over the Punjab, though occasional snow showers fell in Kashmir. On the 28th the barometer was falling over Balúchistán and showers of rain were reported from that region, and these showers subsequently extended to Pesháwar, Siálkot and Murree during the 29th and 30th.

Pressure and winds.—The average pressure for the whole month was slightly above the normal average at nearly all stations both on the hills and plains. At several stations the winds were almost exactly normal, but at Sirsa, Siálkot and Mooltan they were more easterly than usual.

Temperature.—The mean temperature of the month was lower than usual at the hill stations, normal at Delhi, Ludhiána and Siálkot, and higher than usual at the remaining stations. The maximum or day temperatures were almost everywhere lower and the night temperatures almost everywhere higher than usual. The hottest place was Delhi with a mean temperature of 61°.

The following table gives (1) the variation from the normal of the mean temperature of the Punjab for the 24 hours period ending at 8 A. M. of each day, and (2) the highest maximum temperature recorded in the Province, with the name of the station at which it was registered :—

Date.	Variation from normal of mean temperature of previous 24 hours.	Highest maximum temperature recorded during the previous 24 hours.	Station at which registered.	Date.	Variation from normal of mean temperature of previous 24 hours.	Highest maximum temperature recorded during the previous 24 hours.	Station at which registered.
1	2	3	4	1	2	3	4
1897.				1897.			
December 1st ...	+ 1·9	84·8	Mooltan.	December 17th ...	— 2·1	73·3	Dera Ismail Khan and Mooltan.
" 2nd ...	+ 1·8	83·5	Montgomery.	" 18th ...	— 0·2	73·2	Sirsa.
" 3rd ...	+ 1·2	83·5	Do.	" 19th ...	+ 1·2	75·2	Do.
" 4th ...	+ 1·0	81·3	Sirsa.	" 20th ...	+ 2·1	75·3	Dera Ismail Khan and Mooltan.
" 5th ...	+ 1·5	81·3	Do.	" 21st ...	+ 2·2	76·0	Montgomery.
" 6th ...	+ 1·1	80·2	Do.	" 22nd ...	+ 2·2	78·2	Sirsa.
" 7th ...	+ 0·6	79·2	Do.	" 23rd ...	+ 1·3	75·8	Dera Ismail Khan and Mooltan.
" 8th ...	+ 1·9	78·2	Do.	" 24th ...	+ 0·6	75·5	Montgomery.
" 9th ...	+ 1·2	81·3	Do.	" 25th ...	+ 1·3	74·2	Sirsa.
" 10th ...	+ 1·8	77·2	Do.	" 26th ...	+ 2·7	76·8	Dera Ismail Khan.
" 11th ...	+ 1·4	75·3	Mooltan.	" 27th ...	+ 1·9	76·5	Umballa.
" 12th ...	— 4·6	72·7	Delhi.	" 28th ...	+ 3·3	75·2	Sirsa.
" 13th ...	— 4·5	74·0	Umballa.	" 29th ...	+ 2·5	74·2	Do.
" 14th ...	— 4·1	67·8	Dera Ismail Khan.	" 30th ...	+ 1·1	73·2	Do.
" 15th ...	— 2·4	72·3	Do.	" 31st ...	+ 2·2	72·7	Do.
" 16th ...	— 2·0	76·3	Do.				

From the 1st to the 11th the mean temperature of the Province exceeded the normal, but with the setting in of unsettled weather the temperature fell to below the normal and so continued until the 18th. Then the influence of the rain and snow having passed away the heat again became excessive and remained above the normal until the close of the month.

Humidity and cloud.—Humidity and cloud were fairly normal.

Rain.—Every part of the Province, except Ludhiána and Delhi, received rain duri the unsettled period between the 7th and the 14th, but the amounts over the south and e of the Province were very small: thus Sirsa reported for the whole month only 0·01″ a Umballa 0·19″. The total rainfall of the month exceeded 2″ at Cherát, 1″ at Khushá Pesháwar, Murree, Ráwalpindi and Lahore, and ½″ at Mooltan and Simla. The rainfall tal at the close of the summary shows that the month's rainfall was deficient at Sirsa, Del Ludhiána, Umballa and Siálkot, normal at Simla and Dera Ismail Khan, and heavier th usual elsewhere. At Khusháb, Pesháwar, Cherát, Ráwalpindi and Lahore the excess was co siderable to large.

The following table gives the rainfall data for the Punjab stations for Decemb 1897:—

STATIONS.	Normal average rainfall in December.	Actual rainfall in December 1897.	Difference from the average in December 1897.
1	2	3	4
Punjab, West.	Inches.	Inches.	Inches.
Mooltan	0·20	0·61	+ 0·41
Dera Ismail Khan	0·24	0·23	− 0·01
Khusháb	0·16	1·35	+ 1·19
Pesháwar	0·34	1·25	+ 0·91
Murree	1·20	1·30	+ 0·10
Srinagar	0·84	0·35	− 0·49
Astor	?	0·30	?
Minimarg	?	1·89	?
Skardu	?	0·12	?
Dras	?	0·76	?
Cherát	0·72	2·51	+ 1·79
Ráwalpindi	0·76	1·52	+ 0·76
Siálkot	0·63	0·45	− 0·18
Lahore	0·38	1·23	+ 0·85
Montgomery	0·28	0·46	+ 0·18
Punjab, East.			
Umballa	0·44	0·19	− 0·25
Ludhiána	0·53	0	− 0·53
Simla	0·74	0·74	0
Delhi	0·30	0	− 0·30
Sirsa	0·35	0·01	− 0·34

SIMLA:
The 18th January 1898.

W. L. DALLAS,
Meteorological Reporter to Government, Punj

AGRICULTURAL PROSPECT REPORT OF THE DISTRICT OF RAWALPINDI FOR THE MONTH OF JANUARY 1898, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT OF THE *PUNJAB GAZETTE* DATED 17TH FEBRUARY 1898.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st January.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st January 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Rawalpindi.	Pindigheb ...	2·57	...	1·51	...	1·85	...	1·85	Rabi prospects good. Locusts seen in Pindigheb and Fatahjang Tahsils, but did damage.
	Fatahjang ...	4·04	...	2·77	0·51	2·58	...	2·58	
	Attock ...	3·62	...	2·72	0·74	2·49	...	2·49	
	Rawalpindi ...	4·66	...	2·67	1·40	3·02	...	3·02	
	Gujar Khan ...	4·75	...	2·59	0·82	2·33	...	2·33	
	Kahuta ...	5·19	...	2·87	0·95	2·37	...	2·37	
	Murree	4·26	...	1·00	1·60	4·29	...	4·29	

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

TABLE OF RAINFALL RECORDED AT STATIONS IN T

Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Punjab, South.	Hissar.	Sirsa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fatahabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hissar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hansi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhiwani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Budhlada ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tohana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jind State.	Dhaneta *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Safidan *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jind *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bikaner State.	Chhani *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ferozepore.	Moga ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Zira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ferozepore Sadr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ferozepore City ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muktsar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fazilka ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nathana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jalalabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Govindgarh *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phidda *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Montgomery.	Gugera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Montgomery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakpattan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dipalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sandyanwala *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Central.	Gurgaon.	Farukhnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jatusana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rewari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shahjahanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tauru ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nuh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Firozpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hodal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hattin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sohna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gurgaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Punahana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rohtak.	Rohtak ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gohana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sampla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhajjar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Delhi.	Ballabgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahrauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr (Delhi) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sonepat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

PUNJAB FOR THE MONTH OF JANUARY 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st January 1898.	Average rainfall from 1st October up to 31st January.	Station.	District.	Meteorological Division.
...	...	0·04	...	...	...	...	...	...	...	0	1·2	0·04	0·55	0·04	1·20	1·34	Sirsa	Hissar.	Punjab, South.
...	...	...	...	...	...	...	...	...	...	0	1·5	0	0·88	0	0	1·38	Fatahabad		
...	...	0·03	...	...	...	...	...	...	...	0	1·4	0·03	0·58	0·03	0·30	1·40	**Hissar**		
...	...	...	...	...	...	...	...	...	...	0	1·3	0	0·78	0	0·48	1·24	Hansi		
...	...	...	...	...	...	...	...	...	...	0	1·2	0	0·57	0	0·5	1·03	Bhiwani		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·47	?	Budhlada		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·19	?	Tohana		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Dhaneta *C*	Jind State.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·50	?	Safidan *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Jind *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·70	?	Chhani *C*	Bikaner State.	
...	...	0·25	0·25	...	...	...	...	...	...	2	1·2	0·50	0·68	0·25	0·87	1·21	Moga	Ferozepore.	
...	...	0·34	0·42	...	...	...	...	...	...	2	1·2	0·76	0·82	0·42	1·01	1·26	Zira		
...	...	0·50	0·08	...	...	...	...	...	...	1	1·6	0·58	0·69	0·50	1·13	1·21	Ferozepore Sadr		
...	...	0·31	0·06	...	...	...	...	...	...	1	?	0·37	?	0·31	0·99	?	Ferozepore City		
...	...	0·26	0·55	...	...	...	...	...	...	2	0·8	0·81	0·29	0·55	1·02	0·62	Muktsar		
...	...	0·34	0·14	...	...	...	...	...	...	2	?	0·48	?	0·34	0·53	?	Fazilka		
...	...	0·35	0·33	...	...	...	...	...	...	2	?	0·68	?	0·35	0·71	?	Nathana		
...	0·28	0·06	...	...	...	...	...	...	...	1	?	0·34	?	0·28	0·69	?	Jalalabad		
...	0·50	...	...	...	...	...	...	...	...	1	?	0·50	?	0·50	0·50	?	Govindgarh *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Phidda *C*		
...	...	0·21	...	...	...	...	...	...	...	1	1·0	0·21	0·41	0·21	1·36	0·63	Gugera	Montgomery.	
...	...	0·29	...	...	...	...	...	...	...	1	0·9	0·29	0·28	0·29	0·75	0·60	**Montgomery**		
...	...	0·29	...	...	...	...	...	...	...	1	0·9	0·29	0·28	0·2[illegible]	0·29	0·50	Pakpattan		
...	...	0·65	...	...	...	...	...	...	...	1	1·4	0·65	0·43	0·65	1·14	0·73	Dipalpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Sandyanwala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Farukhnagar	Gurgaon.	Punjab, Central.
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Jatusana		
...	...	...	...	...	...	...	...	...	...	0	1·2	0	0·51	0	0	1·10	Rewari		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·80	?	Shahjahanpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·34	?	Tauru		
...	...	...	...	...	...	...	...	...	...	0	1·5	0	0·45	0	0	1·04	Nuh		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·31	0	0	0·76	Firozpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Hodal		
...	...	R.	...	...	...	...	...	...	...	0	?	0	?	0	0·32	?	Hattin		
...	...	...	...	...	...	...	...	...	...	0	1·0	0	0·43	0	0	1·30	Palwal		
...	...	R.	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Sohna		
...	...	...	...	...	...	...	...	...	...	0	1·9	0	0·80	0	0	1·68	**Gurgaon**		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Punahana		
...	...	...	...	...	...	...	...	...	...	0	1·3	0	0·48	0	0	1·34	**Rohtak**	Rohtak.	
...	...	...	...	...	...	...	...	...	...	0	1·4	0	0·75	0	0	1·52	Gohana		
...	...	...	...	...	...	...	...	...	...	0	1·5	0	0·71	0	0	1·29	Sampla		
...	...	...	...	...	...	...	...	...	...	0	1·5	0	0·64	0	0	1·17	Jhajjar		
...	...	...	...	...	...	...	...	...	...	0	1·4	0	0·51	0	0	1·19	Ballabgarh	Delhi.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Mahrauli		
...	...	...	...	...	...	...	...	...	...	0	2·2	0	1·01	0	0	2·02	**Sadr (Delhi)**		
...	...	...	...	...	...	...	...	...	...	0	1·1	0	0·78	0	0·20	1·46	Sonepat		

Table of Rainfall recorded at Stations in

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab, Central—*concluded.*	Karnal.	Panipat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Karnal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajaund ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kaithal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gulah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Thansear ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lahore.	Van *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chunian ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kasur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pambe *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sharakpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Niaz Beg *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lahore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Meean Meer *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manihala *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dafthu *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nijabat *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Submontane.	Umballa.	Jagadhri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Umballa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naraingarh ...	...	...	...	0·05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kharar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rupar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dadupur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patiala State.	Kotra *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jodhpur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raniki *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lehal *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujran *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barthala *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nabha State.	Dadahur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bundher *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ludhiana.	Samrala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ludhiana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jagraon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jullundur.	**Jullundur** ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nakodar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phillour ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nawashahr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of January 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st January 1898.	Average rainfall from 1st October up to 31st January.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	0	1·5	0	0·76	0	0·03	1·34	Panipat	Karnal.	Punjab, Central—*concluded*.
...	...	...	...	...	...	...	...	...	...	0	2·5	0	1·33	0	0	2·19	Karnal		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Rajaund		
...	...	...	...	...	...	...	...	...	...	0	1·5	0	0·98	0	0·05	1·39	Kaithal		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·10	?	Gulah		
...	...	...	...	...	...	...	...	...	...	0	1·4	0	1·14	0	0·04	1·87	Thanesar		
...	...	0·35	...	...	...	...	...	...	...	1	1·8	0·35	0·96	0·35	1·35	1·65	Van *C*	Lahore.	
...	0·42	...	...	...	...	...	...	...	...	1	0·7	0·42	0·58	0·42	1·28	1·02	Chunian		
...	...	0·15	...	...	...	...	...	...	...	1	1·1	0·45	0·43	0·45	1·49	0·91	Kasur		
...	...	0·15	...	...	...	...	...	...	...	1	2·2	0·15	0·80	0·15	1·35	1·34	Pambe *C*		
...	...	0·08	...	...	...	...	...	...	...	0	1·5	0·08	0·64	0·08	1·73	0·98	Sharakpur		
...	...	0·10	...	...	...	...	...	...	...	1	1·8	0·10	1·15	0·10	1.48	2·10	Niaz Beg *C*		
...	...	0·07	...	...	...	...	...	...	...	0	1·5	0·07	0·66	0·07	1·30	1·54	Lahore		
...	...	0·12	...	...	...	...	...	...	...	1	1·8	0·12	1·24	0·12	1·45	2·45	Meean Meer *C*		
...	...	0·35	...	...	...	...	...	...	...	1	1·6	0·35	0·95	0·35	0·73	1·45	Manihala *C*		
...	...	0·20	...	...	...	...	...	...	...	1	?	0·20	?	0·20	0·50	?	Dafthu *C*		
...	...	0·46	...	...	...	...	...	...	...	1	?	0·46	?	0·46	0·86	?	Nijabat *C*		
...	...	...	0·10	...	...	...	...	...	...	1	2·3	0·19	2·29	0·19	0·23	3·33	Jagadhri	Umballa.	Punjab Submontane.
...	...	...	0·05	...	...	...	...	...	...	0	2·1	0·05	1·19	0·05	0·25	2·15	Umballa		
...	...	...	0·08	...	...	...	...	...	...	0	2·4	0·13	1·69	0·08	0·15	2·94	Naraingarh		
...	...	...	0·19	...	...	...	...	...	...	1	2·2	0·19	1·77	0·19	0·36	2·97	Kharar		
...	0·02	...	0·32	...	...	...	...	...	...	1	2·6	0·34	1·62	0·32	0·64	2·87	Rupar		
...	...	...	0·30	...	...	...	...	...	...	1	?	0·30	?	0·30	0·40	?	Dadupur *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Kotra *C*	Patiala State.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·18	?	Jodhpur *C*		
...	...	0·25	...	...	...	...	...	...	...	1	?	0·25	?	0·25	0·25	?	Raniki *C*		
...	...	...	0·13	...	...	...	...	...	...	1	?	0·13	?	0·13	0·13	?	Lehal *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·20	?	Gujran *C*		
...	...	0·06	0·32	...	...	...	...	...	...	1	?	0·38	?	0·32	0·63	?	Barthala *C*		
...	...	0·20	0·30	...	...	...	...	...	...	2	?	0·50	?	0·30	0·50	?	Dadahur *C*	Nabha State.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Bundher *C*		
...	...	...	0·33	...	...	...	...	...	...	1	1·9	0·33	1·11	0·33	0·48	2·13	Samrala	Ludhiana.	
...	...	0·20	0·35	...	...	...	...	...	...	2	2·2	0·55	1·26	0·35	0·57	2·21	Ludhiana		
...	...	0·24	0·30	...	...	...	...	...	...	2	1·8	0·54	0·95	0·30	0·74	1·41	Jagraon		
...	0·25	0·29	...	...	...	...	...	...	...	2	2·3	0·54	1·29	0·29	0·54	2·21	Jullundur	Jullundur.	
...	...	0·27	0·37	...	...	...	...	...	...	2	2·1	0·64	1·05	0·37	0·66	1·56	Nakodar		
...	...	0·22	0·15	...	...	...	...	...	...	2	2·3	0·37	1·13	0·22	0·43	2·00	Phillour		
...	0·20	0·25	...	...	...	...	...	...	...	2	2·6	0·45	1·62	0·25	0·53	2·55	Nawashahr		

Table of Rainfall recorded at Stations in

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab, Submontane—*concluded.*	Hoshiarpur.	Dasuya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Una ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Garhshankar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr Station ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hoshiarpur ...	...	...	...	0·03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gurdaspur.	Aliwal *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Batala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tibri *C* ...	...	...	...	0·15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gurdaspur ...	...	...	...	0·14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pathankot ...	...	...	...	0·28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dalhousie ...	...	...	...	0·78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Madhopur *C* ...	...	...	...	0·11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shakargarh ...	...	...	...	0·05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Amritsar.	Buchar *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khara *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tarn Taran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raya *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Amritsar Jail Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Amritsar *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Buggeh *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ajnala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Hill Division.	Simla.	Kasauli ...	...	...	0·08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Simla ...	...	...	...	0·04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kot Khai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kotgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kilba ...																				
Punjab, North-West.	Kangra.	Plach ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kulu ...	...	...	...	0·06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nagar ...	...	...	...	0·17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palampur ...	...	...	...	0·44	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hamirpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kangra ...	...	...	...	0·21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dharmsala ...	...	...	...	0·42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nurpur ...	...	...	...	0·14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gujranwala.	Ramnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Wazirabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujranwala Sadr Kacheri.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shekhupura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hafizabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khangah Dogran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jalalpur *C* ...			Rain gauge not yet erected.									...	...	...	...	...	...	...	...	...
		Pacca Dalla *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Firoz *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sialkot.	Zafarwal ...	...	...	...	0·08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pasrur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daska ...	...	...	0·06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sialkot ...	...	...	...	0·04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of January 1898—continued.

25 22nd.	26 23rd.	27 24th.	28 25th.	29 26th.	30 27th.	31 28th.	32 29th.	33 30th.	34 31st.	35 Number of rainy days.	36 Average number of rainy days.	37 Total rainfall for the month.	38 Average rainfall for the month.	39 Heaviest rainfall during the month.	40 Total rainfall from 1st October 1897 up to 31st January 1898.	41 Average rainfall from 1st October up to 31st January.	3 Station.	2 District.	1 Meteorological Division.
...	...	0·30	...	...	...	...	...	...	...	1	2·5	0·30	1·74	0·30	0·57	2·87	Dasuya	Hoshiarpur.	Punjab, Submontane —*concluded.*
...	...	0·12	0·26	...	...	...	...	...	...	2	2·6	0·38	1·81	0·26	0·57	2·84	Una		
...	...	0·14	0·21	...	...	...	...	...	...	2	2·6	0·35	1·77	0·21	0·48	3·10	Garhshankar		
...	...	0·20	0·15	...	...	...	...	...	...	2	3·1	0·35	1·83	0·20	0·51	3·22	**Sadr Station**		
...	...	0·25	0·14	...	...	...	...	...	...	2	?	0·42	?	0·25	0·59	?	Hoshiarpur		
...	...	0·16	...	...	...	...	...	...	...	1	3·1	0·16	1·69	0·16	0·77	2·09	Aliwal *C*	Gurdaspur.	
...	...	0·22	...	...	...	...	...	...	...	1	2·4	0·22	1·87	0·22	0·72	2·87	Batala		
...	...	0·10	...	...	...	...	...	...	...	2	3·7	0·25	1·74	0·15	0·75	3·14	Tibri *C*		
...	...	0·07	...	...	...	...	...	...	...	1	2·4	0·21	1·54	0·14	0·87	2·68	Gurdaspur		
...	...	0·10	...	...	...	...	...	...	...	2	2·7	0·38	2·59	0·28	0·91	3·99	Pathankot		
...	0·15	0·14	...	...	...	...	...	...	...	3	2·6	1·07	2·28	0·78	2·47	5·87	Dalhousie		
...	...	0·05	...	...	...	...	...	...	...	1	4·6	0·11	3·68	0·11	0·75	6·01	Madhopur *C*		
...	...	0·03	...	...	...	...	...	...	...	0	2·9	0·08	1·92	0·05	0·94	3·17	Shakargarh		
...	...	0·21	...	...	...	...	...	...	...	1	2·7	0·21	1·09	0·21	1·11	1·81	Buchar *C*	Amritsar.	
...	...	0·38	...	...	...	...	...	...	...	1	1·6	0·38	0·59	0·38	0·42	0·97	Khara *C*		
...	...	0·27	...	...	...	...	...	...	...	1	1·8	0·27	1·21	0·27	0·63	1·79	Tarn Taran		
...	...	0·32	...	...	...	...	...	...	...	1	2·3	0·32	1·36	0·32	0·36	2·23	Raya *C*		
...	...	0·20	...	...	...	...	...	...	...	1	2·4	0·20	1·17	0·20	0·84	2·27	**Amritsar Jail Hospital.**		
...	...	0·13	...	...	...	...	...	...	...	1	?	0·13	?	0·13	0·71	?	**Amritsar** *C*		
...	...	...	...	...	...	...	...	...	...	0	1·6	0	1·11	0	0·45	1·95	Buggeh *C*		
...	...	0·13	...	...	...	...	...	...	...	1	2·0	0·13	1·06	0·13	0·78	1·70	Ajnala		
...	0·02	0·50	...	...	...	...	...	...	...	1	3·1	0·60	2·16	0·50	1·04	3·87	Kasauli	Simla.	Punjab, Hill Division.
...	...	0·54	0·10	...	...	...	...	...	...	2	4·2	0·64	2·56	0·54	1·31	4·05	Barauli		
...	...	0·04	0·61	0·10	...	...	...	...	...	2	2·6	0·79	1·50	0·61	1·53	3·80	Simla		
...	...	0·58	...	...	...	...	...	...	...	1	3·3	0·58	2·02	0·58	0·58	4·23	Kot Khai		
...	...	1·00	0·40	...	...	...	...	...	...	2	2·9	1·40	2·18	1·00	2·05	4·51	Kotgarh		
Sta	tem	ent	not r	ecei	ved.												Kilba		
...	...	0·45	1·15	0·57	...	...	...	...	...	3	4·9	2·17	3·47	1·15	4·17	5·97	Plach	Kangra.	Punjab, North-West.
...	...	0·53	1·46	0·57	...	...	...	...	...	3	5·9	2·62	4·94	1·46	4·33	8·34	Kulu		
...	...	0·95	1·40	...	...	...	...	...	...	3	?	2·52	?	1·40	4·49	3·47	Nagar		
...	...	0·78	0·37	0·10	...	...	...	...	...	4	4·9	1·69	5·34	0·78	2·49	8·64	Palampur		
...	0·22	0·32	...	...	...	...	...	...	...	2	3·8	0·54	3·23	0·32	0·90	4·85	Hamirpur		
...	...	0·40	0·14	...	...	...	...	...	...	2	3·8	0·54	2·75	0·40	0·54	4·19	Dera		
...	...	0·30	0·13	...	...	...	...	...	...	3	4·3	0·64	2·82	0·30	1·02	4·68	Kangra		
...	...	0·63	0·25	...	...	...	...	...	...	3	6·0	1·30	4·77	0·63	2·17	7·65	**Dharmsala**		
...	...	0·11	...	...	...	...	...	...	...	2	4·3	0·25	3·72	0·14	0·72	6·31	Nurpur		
...	...	0·59	...	...	...	...	...	...	...	1	2·8	0·59	1·12	0·59	2·39	1·52	Ramnagar	Gujranwala.	
...	...	...	...	...	...	...	...	...	...	0	2·4	0	1·40	0	0·77	2·54	Wazirabad		
...	...	...	...	...	...	...	...	...	...	0	2·5	0	1·19	0	0·73	2·37	**Gujranwala Sadr Kacheri.**		
...	...	...	...	...	...	...	...	...	...	0	1·5	0	0·66	0	1·30	1·33	Shekhupura		
...	...	...	...	...	...	...	...	...	...	0	2·6	0	1·04	0	1·65	1·80	Hafizabad		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·27	?	Khangah Dogran		
																	Jalalpur *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·10	?	Pacca Dalla *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·20	?	Firoz *C*		
...	...	...	...	...	...	...	...	...	...	0	3·1	0·08	1·67	0·08	0·81	2·64	Zafarwal	Sialkot.	
...	...	0·22	...	...	...	...	...	...	...	1	2·9	0·22	1·50	0·22	0·58	2·85	Pasrur		
...	...	...	...	...	...	...	...	...	...	0	2·8	0	1·17	0	0·46	2·05	Raya		
...	...	...	...	...	...	...	...	...	...	0	2·7	0·06	1·20	0·06	0·90	2·34	Daska		
...	0·06	0·33	...	...	...	...	...	...	...	1	3·0	0·43	1·50	0·33	0·98	2·70	**Sialkot**		

Table of Rainfall recorded at Stations in

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab, North-West—*concluded.*	Gujrat.	Sadr (Gujrat)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kharian	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phalia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhelum.	Pind Dadan Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr Station (Jhelum)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chakwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Talagang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi.	Pindigheb	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fatahjang	...	...	...	0·30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Attock	...	...	0·26	0·2[illegible]	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rawalpindi	...	...	0·35	0·25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujar Khan	...	...	0·12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kahuta	...	...	0·26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Murree	...	...	...	0·90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peshawar.	Swabi	...	...	0·50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lahor (Utman Bolak)	...	...	0·30	0·20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nowshera	...	...	0·22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mardan	...	...	0·44	0·24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Katlang	...	...	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hashtnagar (Charsadda.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nabakki	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Peshawar	...	...	0·03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Abazai *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khan Mahi *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Para Chinar (Kurram)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hazara.	Abbott-abad	...	...	0·39	0·43	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mansahra	...	...	0·37	0·20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06
		Haripur	...	...	0·40	0·28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kohat.	Kohat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hangu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Thal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banda Daud Shah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khushalgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, West.	Bannu.	Mianwali	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Isa Khel	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Marwat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of January 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st January 1898.	Average rainfall from 1st October up to 31st January.	Station.	District.	Meteorological Division.
…	…	…	0·32	…	…	…	…	…	…	1	2·9	0·32	1·56	0·32	1·20	3·00	Sadr (Gujrat)	Gujrat.	Punjab, North-West—concluded.
…	…	…	0·27	…	…	…	…	…	…	1	3·1	0·27	1·95	0·27	1·82	3·19	Kharian		
…	…	…	0·25	…	…	…	…	…	…	1	2·2	0·25	1·25	0·25	1·70	2·23	Phalia		
…	…	0·07	0·08	…	…	…	…	…	…	0	2·1	0·15	1·45	0·08	1·78	2·49	Pind Dadan Khan	Jhelum.	
…	…	0·16	1·46	…	…	…	…	…	…	2	2·9	1·62	1·67	1·46	3·29	3·20	Sadr Station (Jhelum)		
…	…	0·33	…	…	…	…	…	…	…	1	2·2	0·33	1·26	0·33	2·04	2·07	Chakwal		
…	…	0·14	…	…	…	…	…	…	…	1	2·1	0·14	1·27	0·14	1·53	2·29	Talagang		
…	…	…	…	…	…	…	…	…	…	0	2·5	0	1·51	0	1·85	2·57	Pindigheb	Rawalpindi.	
…	…	0·21	…	…	…	…	…	…	…	2	4·7	0·51	2·77	0·30	2·58	4·04	Fatahjang		
…	…	0·25	0·03	…	…	…	…	…	…	3	4·5	0·74	2·72	0·26	2·49	3·62	Attock		
…	…	0·32	0·48	…	…	…	…	…	…	4	4·4	1·40	2·67	0·48	3·02	4·66	Rawalpindi		
…	0·32	0·38	…	…	…	…	…	…	…	3	4·7	0·82	2·59	0·38	2·33	4·75	Gujar Khan		
…	…	0·13	0·56	…	…	…	…	…	…	3	4·7	0·95	2·87	0·56	2·37	5·19	Kahuta		
…	…	…	0·70	…	…	…	…	…	…	2	0·6	1·60	1·00	0·90	4·29	4·26	Murree		
…	…	0·30	…	…	…	…	…	…	…	2	1·7	0·80	1·66	0·50	2·43	3·53	Swabi	Peshawar.	
…	…	0·24	…	…	…	…	…	…	…	3	1·8	0·74	1·64	0·30	2·15	3·49	Lahor (Utman Bolak)		
…	…	0·08	…	…	…	…	…	…	…	1	2·0	0·30	1·94	0·22	1·98	3·23	Nowshera		
…	…	0·05	…	…	…	…	…	…	…	2	1·8	0·73	1·70	0·44	2·37	3·05	Mardan		
…	…	…	…	…	…	…	…	…	…	1	1·5	0·10	1·55	0·10	0·25	3·00	Katlang		
…	…	…	…	…	…	…	…	…	…	0	2·0	0	1·48	0	1·36	2·64	Hashtnagar (Charsadda.)		
…	…	…	…	…	…	…	…	…	…	0	1·8	0	1·54	0	1·43	2·69	Nabakki		
…	R.	…	…	…	…	…	…	…	…	0	2·5	0·03	1·58	0·03	1·35	2·71	Peshawar		
…	…	…	…	…	…	…	…	…	…	0	?	0	?	0	0·90	?	Abazai *C*		
…	…	…	…	…	…	…	…	…	…	0	?	0	?	0	0·85	?	Khan Mahi *C*		
0·06	0·09	0·05	…	…	…	…	…	…	0·26	1	?	0·49	?	0·26	1·69	?	Para Chinar (Kurram)		
…	…	0·86	0·60	…	…	…	…	…	…	4	5·6	2·28	2·95	0·86	4·02	6·43	Abbott-abad	Hazara.	
…	…	0·67	0·65	…	…	…	…	…	…	4	4·3	1·95	2·54	0·67	3·76	6·79	Mansahra		
…	…	0·48	…	…	…	…	…	…	…	3	3·8	1·16	2·10	0·48	1·90	5·15	Haripur		
…	…	…	0·10	…	…	…	…	…	…	1	2·8	0·10	1·27	0·10	1·23	3·03	Kohat	Kohat.	
…	…	…	…	…	…	…	…	…	…	0	?	0	?	0	0·77	?	Hangu		
…	…	…	…	…	…	…	…	…	…	0	?	0	?	0	1·14	?	Thal		
…	0·05	[illegible]	…	…	…	…	…	…	…	0	?	0·05	?	0·05	0·64	?	Banda Daud Shah		
…	…	…	…	…	…	…	…	…	…	0	?	0	?	0	0	?	Khushalgarh		
…	…	…	…	…	…	…	…	…	…	0	1·6	0	0·85	0	0·70	1·46	Mianwali	Bannu.	Punjab, West.
…	…	0·12	…	…	…	…	…	…	…	1	1·4	0·12	0·71	0·12	0·57	1·44	Isa Khel		
…	…	0·04	…	…	…	…	…	…	…	0	2·1	0·04	0·87	0·04	0·89	1·29	Bannu		
…	…	0·02	…	…	…	…	…	…	…	0	1·8	0·02	1·08	0·02	0·25	1·53	Marwat		

Table of Rainfall recorded at Stations

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab, West—*concluded.*	Shahpur.	Midh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nurpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mitha Tiwana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sakesar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naushahra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shahpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Miani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhang.	Shorkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chiniot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Badwali *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tarkhani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muridwala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khewra *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lalkani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lyallpur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan.	Tank	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kulachi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera Ismail Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhakkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shekh Budin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. G. Khan.	Sanghar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera Ghazi Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fort Munro	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jampur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muzaffargarh.	Alipur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muzaffargarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sinanwan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mooltan.	Mailsi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lodhran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shujabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mooltan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kabirwala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NOTE.—C deno[illegible]
R deno[illegible]

Punjab for the month of January 1898—concluded.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st January 1898.	Average rainfall from 1st October up to 31st January.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	...	2·8	0	2·66	0	0·35	3·00	Midh	Shahpur.	Punjab, West—concluded.
...	...	...	...	...	...	...	...	...	...	0	2·4	0	0·88	0	1·00	1·52	Sahiwal		
...	...	...	...	...	...	...	...	...	...	0	2·0	0	0·66	0	0·92	0·88	Nurpur		
...	...	...	...	...	...	...	...	...	...	0	1·4	0	0·92	0	0·50	1·36	Mitha Tiwana		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·25	0	3·14	0·41	Sakesar		
...	...	...	...	...	...	...	...	...	...	0	2·4	0	1·56	0	1·12	2·48	Naushahra		
...	...	...	...	...	...	...	...	...	...	0	1·3	0	0·48	0	1·75	1·12	Khushab		
...	...	0·05	...	...	...	...	...	...	...	0	1·6	0·65	0·73	0·05	1·75	1·52	**Shahpur**		
...	...	0·10	...	...	...	...	...	...	...	1	1·7	0·10	1·13	0·10	1·59	1·69	Bhera		
...	...	...	...	...	...	...	...	...	...	0	2·6	0	1·48	0	1·24	2·30	Miani		
...	...	0·10	...	...	...	...	...	...	...	1	1·3	0·10	0·41	0·10	0·69	0·61	Shorkot	Jhang.	
...	...	...	...	...	...	...	...	...	...	0	1·7	0	0·42	0	1·03	0·66	**Jhang**		
...	...	...	...	...	...	...	...	...	...	0	1·6	0	0·49	0	1·21	0·81	Chiniot		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·70	?	Badwali *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·95	?	Tarkhani *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·00	?	Muridwala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·00	?	Khewra *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·80	?	Laikani *C*		
...	...	0·50	...	...	...	...	...	...	...	1	?	0·50	?	0·50	1·40	?	Lyallpur *C*		
...	...	...	...	...	...	...	...	...	...	0	1·8	0	0·43	0	0·28	0·56	Tank	D. I. Khan.	
...	...	...	...	...	...	...	...	...	...	0	1·1	0	0·45	0	0	0·74	Kulachi		
...	...	...	...	...	...	...	...	...	...	0	1·5	0	0·40	0	0·23	0·87	**Dera Ismail Khan**		
...	...	...	...	...	...	...	...	...	...	0	1·0	0	0·48	0	0·29	0·69	Bhakkar		
...	...	...	...	...	...	...	...	...	...	0	1·2	0	0·39	0	0·20	0·63	Leiah		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·40	?	Shekh Budin		
...	...	...	...	...	...	...	...	...	...	0	1·2	0	0·48	0	0·26	0·68	Sanghar	D. G. Khan.	
...	R.	...	...	...	...	...	...	...	...	0	1·3	R.	0·62	R.	0·45	0·99	**Dera Ghazi Khan**		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·18	0	0·55	0·53	Fort Munro		
...	0·12	...	...	...	...	...	...	...	...	1	0·7	0·12	0·21	0·12	0·47	0·36	Jampur		
...	...	0·29	...	...	...	...	...	...	...	1	0·6	0·29	0·18	0·29	0·29	0·23	Rajanpur		
...	...	0·39	...	...	...	...	...	...	...	1	0·8	0·39	0·20	0·39	0·70	0·41	Alipur	Muzaffargarh.	
...	...	0·07	...	...	...	...	...	...	...	0	0·9	0·07	0·17	0·07	0·51	0·45	**Muzaffargarh**		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·22	0	0·23	0·50	Sinanwan		
...	0·59	...	...	...	...	...	...	...	...	1	0·6	0·59	0·18	0·59	0·89	0·36	Mailsi	Mooltan.	
...	...	0·65	...	...	...	...	...	...	...	1	0·6	0·65	0·43	0·65	0·83	0·54	Lodhran		
...	...	0·14	...	...	...	...	...	...	...	1	0·6	0·14	0·20	0·14	0·54	0·38	Shujabad		
...	...	0·15	...	...	...	...	...	...	...	1	1·0	0·15	0·32	0·15	0·63	0·52	**Mooltan**		
...	...	0·08	...	...	...	...	...	...	...	0	1·1	0·08	0·37	0·08	0·78	0·46	Kabirwala		

canal raingauge stations.
slight rain.

Snowfall report for January 1898.

The depth of snow at Murree and the hills adjacent to Kahuta was as follows :—

	Feet.	Inches.
Murree (Râwalpindi District)	1	4
Kahuta (Ditto)	1	2

P. D. SHROFF *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

PUBLIC WORKS DEPARTMENT

Irrigation Operations of Fasl Rab

Canals.	Water distributed during January 1898. Depth in Canal at regulating gauge. Full supply.	Actual throughout.	Gross consumption, cubic feet per second. Estimated full supply.	Actual average throughout.
1	2	3	4	5
MAJOR IRRIGATION WORKS.				
SWAT RIVER CANAL	6·10	3·90	775	392
Total ...	...	...	775	392
WESTERN JUMNA CANAL. At Dádupur	6·5	3·5	4,380	2,090
Main Line, Major Distributaries	...	...	...	121
Sirsa Branch	...	...	...	362
Delhi Branch	...	...	...	612
Hánsi Branch	...	...	...	640
Absorption and escapage between Dádupur and Indri ...	...	...	...	346
Ditto Indri and Munak ...	...	...	...	...
Ditto Darhalya and Canal Tail.	...	...	...	...
Total ...	...	...	4,380	2,090
BARI DOAB CANAL. Head Gauge, Rapid No. 2	4·01	2·33	4,146	1,835
Salampur Feeder	4·00	...	1,445	...
1st Division	...	...	5,591 (for 1st Division to Lahore Branch)	972
2nd „ Main Branch Lower	4·60 (for 2nd and 3rd)	1·54		68
3rd „ „ „		1·21		594
2nd „ Lahore Branch	3·35	0·64		201
Passed through escapes	...	...	...	...
Total ...	...	...	5,591	1,835
SIRHIND CANAL. Main Line	9·26	7·30	6,000	4,241
Abohar Branch	5·96	4·88	2,052	9
Bhatinda Branch	5·97	4·84	1,788	96
Feeders	8·97	7·38	2,160	1,626
British Escapes	...	...	...	10
Total ...	...	...	6,000	4,241
Carried over ...	...	...	...	...

PUNJAB, IRRIGATION BRANCH.

of 1898 *up to* 31*st January* 1898.

LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				REMARKS.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* January 1898.	Area irrigated *to end of* January 1898.	Area irrigated *to end of* January 1897.	
6	7	8	9	10	11	12	13	14	15
Peshâwar ...	85,938	11	1·39	0·14	Wheat ...	2,873	52,080	49,124	The canal ran for 18 days only.
					Barley ...	1,935	17,645	12,055	
					Mixed grain...	...	...	...	
					Rape ...	221	3,421	2,257	
					Miscellaneous	183	12,792	9,567	
...	85,938	...	...	...	...	5,212	85,938	73,003	
Umballa ...	1,803		1·27	0·15	Wheat ...	29,107	171,419	167,849	Decrease due to abnormally large area under rain crops.
Karnál ...	84,738		0·47	...	Barley ...	1,526	10,097	19,509	
Rohtak ...	74,668		0·85	...	Mixed grain...	3,294	33,829	38,169	
Delhi ...	33,961	20	0·82	...	Sarson ...	844	2,619	4,352	
Hissar ...	64,757		0·46	...	Gram ...	3,549	20,956	33,702	
Jínd ...	23,153		0·81	...	Senji ...	6	21	187	
Bikaner ...	539	...	...	...	Miscellaneous	3,274	65,143	92,496	
Kalsia ...	1,140	...	...	...					
Patiála ...	19,325	6	0·93	...					
...	304,084	...	...	...	...	41,600	(a) 304,084	356,264	
					Wheat ...	13,458	234,783	197,372	The canal ran throughout the month. The supply in the river was low. The area irrigated to end of month is the highest on record.
					Barley ...	688	8,765	6,210	
Gurdáspur ...	22,732		2·67	0·24	Mixed grain...	1,830	38,254	22,431	
Amritsar ...	168,464	18	1·74	0·18	Sarson ...	254	5,419	5,467	
Lahore ...	248,388		1·36	0·21	Gram ...	2,493	58,731	49,780	
					Senji ...	4,233	56,668	51,963	
					Miscellaneous	− *6,830*	36,964	29,712	
...	439,584	...	...	...	...	16,126	439,584	362,935	
Ludhiána ...	44,292	14	1·17	0·49	Wheat ...	35,351	191,369	193,881	Canal ran throughout the month. A good area has been irrigated. Rain has benefited the unirrigated crops.
Ferozepore ...	329,118		1·00	0·52	Barley ...	9,405	31,480	28,760	
Hissar ...	1,614	...	...	...	Mixed grain...	20,883	61,777	62,147	
Farídkot State	57,592	...	...	...	Sarson ...	7,08[illegible]	23,174	30,929	
Patiála " ...	219,23[illegible]				Gram ...	25,141	144,378	147,314	
Nábha " ...	40,924	14	1·21	0·09	Senji ...	6,288	11,745	15,420	
Jínd " ...	19,661				Miscellaneous	− *53,982*	256,720	360,226	
Kalsia " ...	2,209								
...	720,643	...	...	...	...	50,173	(b) *720,643	838,677	
...	1,550,249	...	...	...	...	113,111	1,550,249	1,630,879	

(a) Excludes 354 acres of kharif irrigation.
(b) Excludes 34,302 acres of kharif irrigation.

* Includes the following areas irrigated by Native States Branches, Sirhind Canal, *viz.*—

	During January 1898.	*To end of January 1898.*	*To end of January 1897.*
Patiála State	23,317 acres.	161,725 acres.	201,898 acres.
Nábha "	3,729 "	17,749 "	18,755 "

Irrigation Operations of Fasl Ra

Canals.	Water distributed during January 1898. — Depth in Canal at regulating gauge. — Full supply.	Actual throughout.	Gross consumption, cubic feet per second. — Estimated full supply.	Actual average throughout.
1	2	3	4	5
Brought forward ...	...	...	...	...
MAJOR IRRIGATION WORKS—CONCLUDED.				
CHENAB CANAL. Main Line	9·60	7·14	8,313	3,921
Kot Nikka Branch	5·00	...	270	240
Mián Ali Branch	6·15	6·34	805	641
Rakh Branch	5·90	4·97	1,054	966
Jhang Branch Upper	9·00	4·98	1,074	629
Jhang Branch Lower	7·00	3·20	1,160	310
Bhawána Branch	6·00	4·30	434	248
Gugera Branch (for construction only)	...	...	...	265
Distributaries of Main Line	...	...	...	230
Loss in Main Line	...	...	...	392 / 3921
Escapage	...	...	...	13
Total ...	...	...	8,313	3,908
LOWER SOHAG AND PARA CANAL	10·00	...	3,380	...
Total ...	...	...	3,380	...
SIDHNAI CANAL	7·00	...	1,450	...
Total ...	...	...	1,450	...
ABSTRACT—MAJOR IRRIGATION WORKS—				
Swat River Canal	...	...	...	...
Western Jumna Canal	...	...	...	...
Bári Doáb Canal	...	...	...	...
Sirhind Canal	...	...	...	...
Chenab Canal	...	...	...	...
Lower Sohág and Pára Canal	...	...	...	...
Sidhnai Canal	...	...	...	...
Total Major Irrigation Works	...	...	...	...

of 1898 *up to* 31*st January* 1898—continued.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
[illegible]ah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* January 1898.	Area irrigated *to end of* January 1898.	Area irrigated *to end of* January 1897.	
6	7	8	9	10	11	12	13	14	15
...	1,550,249	...	...	...	...	113,111	1,550,249	1,630,879	
					Wheat ...	21,771	355,320	234,501	The canal ran for 10 days; development of irrigation in 4th and 5th Divisions satisfactory.
Gujránwála ...	159,019	...	...	...	Barley ...	1,975	17,787	8,309	
Jhang ...	310,998	...	...	...	Mixed grain...	...	...	105	
					Sarson ...	693	49,946	36,575	
					Gram ...	125	4,775	3,481	
					Senji ...	576	5,550	2,904	
					Miscellaneous	1,487	36,639	24,776	
...	470,017	...	...	...	...	26,627	†470,017	310,651	
					Wheat ...	947	19,536	12,535	
					Barley ...	300	1,162	475	
					Mixed grain...	...	8,340	3,045	
Montgomery	48,665	4	1·55	0·31	Sarson ...	...	...	...	
					Gram ...	...	10,675	3,191	
					Senji ...	...	...	...	
					Miscellaneous	...	8,952	8,594	
...	48,665	...	...	...	...	1,247	48,665	27,840	
					Wheat ...	16,072	35,233	8,661	
					Barley ...	339	653	139	
					Mixed grain ...	757	1,583	1,291	
Mooltan ...	88,688	36	0·35	0·08	Sarshaf ...	116	291	10	
					Gram ...	1,414	3,012	410	
					Senji ...	58	91	3	
					Miscellaneous	2,640	5,005	4,984	
					Rawni ...	— *21,406*	42,820	4,770	
...	88,688	...	...	...	...	— *10*	88,688	20,268	
[illegible]	85,938	...	...	...	...	5,21?	85,938	73,003	
...	304,084	...	...	...	...	41,600	304,084	356,264	
...	439,584	...	...	...	...	16,126	439,584	362,935	
...	720,643	...	...	...	...	50,173	720,643	838,677	
...	470,017	...	...	...	...	26,627	470,017	310,651	
...	48,665	...	...	...	...	1,247	48,665	27,840	
...	88,688	...	...	...	...	— *10*	88,688	20,268	
...	2,157,619	...	...	...	...	140,975	2,157,619	1,989,638	

† Of this, 125,704 acres are free of charge.

Irrigation Operations of Fasl Rab

Canals.	Water distributed during January 1898. Depth in Canal at regulating gauge. Full supply.	Actual throughout.	Gross consumption, cubic feet per second. Estimated full supply.	Actual average throughout.
1	2	3	4	5
Total Major Irrigation Works brought forward ...	...	...	...	...
MINOR IRRIGATION WORKS.				
Upper Sutlej Canals. — Katora Canal ...	10·00	...	1,430	...
Upper Sutlej Canals. — Khánwah " ...	10·00	...	4,530	...
Upper Sutlej Canals. — Upper Soháġ " ...	10·00	...	2,510	...
Total ...	...	...	8,470	...
Shahpur Canals (Imperial). — Eastern Station Canal ...	...	...	...	...
Shahpur Canals (Imperial). — Western " " ...	...	...	...	...
Shahpur Canals (Imperial). — Sáhiwál Canal ...	...	...	...	...
Total ...	...	...	...	...
Lower Sutlej and Chenab Canals ...	...	...	...	...
Indus Canals ...	...	...	...	...
Muzaffargarh Canals ...	...	...	...	...
Ghaggar Canals — Dhanaur Weir upstream ...	8·00	...	...	...
Ghaggar Canals — Discharge site below Weir ...	15·00	...	...	...
Ghaggar Canals — Northern Canal Head ...	7·00	...	...	...
Ghaggar Canals — Southern Canal Head ...	6·50	...	...	...
Ghaggar Canals — Kassaban Minor Head ...	4·20	...	...	...
Ghaggar Canals — Abholi Minor Head ...	3·50	...	...	...
Ghaggar Canals — Mangala Minor Head ...	...	...	...	...
Bikaner Border.				
Ghaggar Canals — Northern Canal ...	6·00	...	...	...
Ghaggar Canals — Southern Canal ...	5·00	...	...	...
Total ...	...	...	...	...
Abstract—Minor Irrigation Works—				
Upper Sutlej Canals ...	...	...	...	...
Shahpur Canals (Imperial) ...	...	...	...	...
Lower Sutlej and Chenab Canals ...	...	...	...	...
Indus Canals ...	...	...	...	...
Muzaffargarh Canals ...	...	...	...	...
Ghaggar Canals ...	...	...	...	...
Total ...	...	...	...	...
Shahpur Canals (Provincial). — Raniwah West Canal ...	...	...	...	...
Shahpur Canals (Provincial). — " East " ...	...	...	...	...
Shahpur Canals (Provincial). — Corbynwah Canal ...	...	...	...	...
Total ...	...	...	...	...
Total Major Irrigation Works ...	...	...	...	...
Total Minor Irrigation Works ...	...	...	...	...
Total Major & Minor Irrigation Works (Imperial)	...	...	...	...
Shahpur Canals (Provincial) ...	...	...	...	...
GRAND TOTAL ...	...	...	...	...

LAHORE:
The 19th February 1898.

of 1898 *up to* 31*st January* 1898—concluded.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* January 1898.	Area irrigated *to end of* January 1898.	Area irrigated *to end of* January 1897.	
6	7	8	9	10	11	12	13	14	15
...	2,157,619	...	...	...	...	140,975	2,157,619	1,989,638	
					Wheat ...	...	21,898	24,642	
Lahore ...	19,080	4	2·12	0·53	Barley ...	18	1,550	946	
					Mixed grain...	...	18,380	5,167	
					Sarson ...	...	...	1	
Montgomery	51,246	...	...	...	Gram ...	...	15,770	5,248	
					Senji ...	...	...	...	
					Miscellaneous	...	12,728	13,007	
...	70,326	...	...	...	...	18	70,326	49,011	
					Wheat ...				
					Barley ...				
					Mixed grain...				
Shahpur ...	22,023	...	...	...	Sarson ...	...	22,023	20,899	Canals closed.
					Gram ...				
					Senji ...				
					Miscellaneous				
...	22,023	...	...	...	...	...	22,023	20,899	
Mooltan ...	295,035	36	0·32	0·15	...	...	295,035	234,335	
D. G. Khan...	49,994	16	0·47	...	...	...	49,994	43,726	
Muzaffargarh	172,330	5	0·30	0·07	...	...	172,330	173,030	
					Wheat ...	...	2,703	...	
					Barley ...	...	258	...	
					Mixed grain...	...	...	...	
Hissar ...	8,800	...	...	...	Sarson ...	...	312	...	
Bikaner State	3,850	...	...	...	Gram ...	...	66	...	
					Senji ...	...	...	...	
					Miscellaneous	63	9,311	...	
...	12,650	...	...	...	...	63	12,650	...	
...	70,326	...	...	...	...	18	70,326	49,011	
...	22,023	...	...	...	...	...	22,023	20,899	
...	295,035	...	...	...	...	...	295,035	234,335	
...	49,994	...	...	...	...	...	49,994	43,726	
...	172,330	...	...	...	...	...	172,330	173,030	
...	12,650	...	...	...	...	63	12,650	...	
...									
...	622,358	...	...	...	...	81	622,358	521,001	
					Wheat ...				
					Barley ...				
					Mixed grain...				
Shahpur ...	11,811	...	...	...	Sarson ...	...	11,811	8,612	Canals closed.
					Gram ...				
					Senji ...				
					Miscellaneous				
...	11,811	...	...	...	...	...	11,811	8,612	
...	2,157,619	...	...	...	...	140,975	2,157,619	1,989,638	
...	622,358	...	...	...	...	81	622,358	521,001	
...	2,779,977	...	...	...	...	141,056	2,779,977	2,510,639	
...	11,811	...	...	...	...	...	11,811	8,612	
...	2,791,788	...	...	...	...	141,056	2,791,788	2,519,251	

L. M. JACOB,
Under-Secretary to Government, Punjab,
P. W. D., Irrigation Branch.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 5TH FEBRUARY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	6	2	8	16	8	8	...	...	...	8	1	...	7	1	1	2	25	50	1
2		Hansi ...	15,190	8	5	13	5	2	3	...	...	...	1	1	...	3	1	1	2	45	17	2
3		Bhiwani ...	35,487	5	7	12	16	10	6	...	...	...	7	...	...	9	3	1	4	18	24	3
4		Sirsa ...	16,415	2	4	6	10	3	7	...	...	...	6	...	...	4	...	1	1	[illegible]	32	4
5	Rohtak ...	Rohtak ...	16,191	5	5	10	9	5	4	...		...	3	3	...	3	2	1	3	3	29	5
6		Jhajjar ...	11,881	5	4	9	7	2	5	...		...	...	1	...	6	1	2	3	39	31	6
7	Gurgaon ...	Rewari ...	27,934	5	4	9	7	4	3	...	...	...	4	1	...	2	...	...	...	17	13	7
8		Palwal ...	11,227	4	4	8	5	3	2	...	...	...	4	...	...	1	1	...	1	37	23	8
9	Delhi ...	Delhi ...	189,648	52	66	118	104	61	43	...		...	52	...	...	52	10	12	22	32	29	9
10		Sonepat ...	12,611	1	5	6	6	1	5	...	...	...	4	...	...	2	1	1	2	25	25	10
11	Karnal ...	Karnal ...	21,530	5	8	13	8	5	3	...	...	...	4	...	...	4	2	2	4	31	19	11
12		Kaithal ...	15,768	4	6	10	3	1	2	...	...	...	...	...	...	3	...	1	1	3	10	12
13		Panipat ...	27,547	5	4	9	12	5	7	...	...	...	5	...	...	7	...	...	...	[illegible]	23	13
14		Shahabad ...	11,473	...	...	...	3	1	2	...	...	...	2	...	...	1	...	...	...	...	14	14
15	Umballa ...	Umballa ...	26,856	10	9	19	13	6	7	...		...	8	...		5	2	...	2	37	25	15
16		Jagadhri ...	13,029	4	3	7	6	3	3	...	...	...	4	1		1	1	1	2	28	24	16
17		Sadhaura ...	10,445	1	3	4	3	1	2	...	...	...	3	...		...	...	...	...	20	15	17
18	Hoshiarpur	Hoshiarpur ...	17,546	3	2	5	6	4	2	...	...	...	2	1	...	3	1	...	1	15	18	18
19		Tanda and Urmar	11,632	4	2	6	9	7	2	...	...	2	2	1	...	4	4	1	5	27	40	19
20	Jullundur ...	Jullundur ...	50,375	25	20	45	21	8	13	...	...	...	7	1	...	13	4	2	6	47	22	20
21		Rahon ...	10,667	10	2	12	7	2	5	...	...	...	4	...	...	3	1	1	2	59	34	21
22		Kartarpur ...	10,441	3	1	4	2	1	1	...	...	...	2	...	...	...	...	...	...	20	10	22
23	Ludhiana ...	Ludhiana ...	46,024	11	7	18	31	20	11	...	...	...	13	2	...	16	3	2	5	20	35	23
24		Jagraon ...	18,116	15	8	23	9	5	4	...	...	...	2	...	...	7	5	2	7	66	26	24
25	Ferozepore ...	Ferozepore ...	25,337	6	7	13	7	2	5	...	...	...	6	...	...	1	...	...	...	27	14	25
26	Mooltan ...	Mooltan ...	64,265	29	23	52	41	24	17	...	...	...	14	4	...	23	7	9	16	42	33	26
27	Jhang ...	Maghiana ...	Returns not received.																			27
28		Chiniot																				28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29		Lahore ...	159,597	49	46	95	100	53	47	1	...	1	51	3	...	44	15	11	26	31	33	29
30	Lahore ...	Kasur ...	20,290	2	13	15	9	3	6	...	...	...	1	...	...	8	...	3	3	39	23	30
31		Chunian ...	10,339	4	3	7	12	7	5	...	...	...	6	...	...	6	2	2	4	35	61	31
32	Amritsar ...	Amritsar ...	135,401	54	49	103	69	32	37	...	...	...	28	6	...	35	6	12	18	40	27	32
33	Gurdaspur ...	Batala ...	27,223	8	12	20	11	5	6	...	...	1	4	...	2	4	2	...	2	38	21	33
34	Sialkot ...	Sialkot ...	33,965	18	15	33	27	15	12	...	...	4	9	...	1	13	4	3	7	51	41	34
35	Gujrat ...	Gujrat ...	17,671	9	8	17	10	6	4	...	...	...	3	...	...	7	...	1	1	50	30	35
36		Jalalpur ...	11,065	3	1	4	7	4	3	...	...	...	5	...	...	2	...	...	...	19	33	36
37	Gujranwala...	Gujranwala ...	25,892	3	6	9	12	7	5	...	...	...	6	...	...	6	...	1	1	18	24	37
38		Wazirabad ...	15,786	9	6	15	19	12	7	...	...	...	9	...	...	10	4	1	5	50	63	38
39	Shahpur ...	Bhera ...	17,428	4	3	7	12	8	4	...	...	...	3	2	...	7	6	1	7	21	36	39
40	Jhelum ...	Pind Dadan Khan	Returns not received.																			40
41	Rawalpindi ...	Rawalpindi ...																				41
42	Peshawar ...	Peshawar ...	63,079	18	15	33	29	17	12	...	...	...	17	2	1	9	...	3	3	27	24	42
43	Kohat ...	Kohat ...	14,347	3	8	11	7	4	3	...	...	...	5	...	...	2	...	...	...	40	25	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	9	9	18	25	13	12	...	...	...	20	2	...	3	...	3	3	44	60	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	12	6	18	25	14	11	...	...	...	17	1	...	7	2	3	5	39	55	45
	Grand Total	...	1,332,044	433	411	844	740	394	346	1	...	8	351	33	4	343	91	85	176	33	29	
	Hill Sanitaria.																					
	Simla ...	...	13,279	...	1	1	3	1	1	...	...	...	2	...	...	1	...	...	...	...	...	
	Dharmsala ...	...	2,778	1	1	2	2	1	1	...	...	...	...	...	...	2	...	...	...	...	...	
	Dalhousie ...	...	807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	...	Return not received.																			

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 21st February 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 5TH FEBRUARY 1898.

Births and Deaths in Municipal Towns.—In the 41 large Municipal towns 844 births were registered (433 males and 411 females), giving a birth-rate of 33 per *mille* of population; 740 deaths were registered (394 males and 346 females), giving a death-rate of 29 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 21st February 1898.

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SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MARCH 3, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 1st MARCH 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 12 seers ... Gram 13 seers. Bájra 23 seers.	Rapeseed crop being harvested. Báráni crops in good condition. Prospects of canal crops good.	...
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Wheat 12 seers. ... Gram 14 seers. Bájra 20 seers.	Crops in good condition. Prospects average.	...
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 12 to 13 seers. Gram 12 to 13 seers. Maize 21½ seers.	Crops in good condition ...	Land being prepared for sugar cane crop.
4	Jullundur ...	...	1. Sufficient ...	Wheat 14 seers ... Gram 13¼ seers. Maize 21½ seers.	Condition of standing crops good. Stocks of food-grain sufficient.	...
5	Ferozpore ...	...	1. Sufficient ...	Wheat 13 seers ... Gram 13 seers. Barley 19 seers. Jowár 20 seers.	Stocks of food-grain sufficient ...	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharff (Autumn).
6	Mooltan ...	...	1. Sufficient ...	Wheat, 2nd quality, 11 seers.	Crops in good condition.	...
7	Lahore ...	...	1. Sufficient ...	Wheat $12\frac{1}{2}$ to $13\frac{3}{4}$ seers. Maize $18\frac{1}{2}$ to $19\frac{1}{2}$ seers.	Prospects good. A fall of hail damaged crops in 3 villages of Kasúr Tahsil. Grain stock sufficient, but not with zamíndárs. Tobacco sowings in progress.	Sowings of cotton commenced.
8	Amritsar ...	...	1. Scarce ... 2. Good.	Wheat 14 seers ... Maize $19\frac{3}{4}$ seers.	Crops in good condition. Food-stock sufficient.	Sugarcane pressing going on.
9	Siálkot ...	Zafarwál 0·52 ...	1. Green procurable. 2. Improving.	Wheat $13\frac{1}{2}$ to $14\frac{1}{2}$ seers. Rice 10 to 11 seers.	Crops promising; damaged by collection of water in parts.	Pressing of sugarcane continued.
10	Shahpur ...	...	1. Ample ...	Wheat 14 to $15\frac{1}{2}$ seers. Bájra 18 to 20 seers.	Locusts reappeared in Bhera Tahsíl; no damage reported. Crops promising.	...
11	Ráwalpindi ...	...	1. Sufficient ...	Wheat 14 seers ... Bájra 18 seers. Maize 23 seers.	Prospects excellent. Stocks of grain sufficient.	...
12	Pesháwar ...	...	1. Sufficient ... 2. Good.	Wheat $12\frac{11}{16}$ seers Maize $22\frac{3}{4}$ seers.	Stock of food-grain sufficient ...	Sugarcane being pressed in parts and gur under preparation. Outturn average.
13	D. I. Khan ...	...	1. Sufficient ... 2. Good.	Wheat 15 seers. Bájra $20\frac{10}{16}$ seers.	Condition of standing crops good. Rapeseed crops in parts being harvested.	...

GENERAL REMARKS.

Rainfall.—A fall of half an inch reported from Siálkot only.

Prices.—Falling in Delhi, Lahore, Amritsar, Siálkot, Ráwalpindi, Pesháwar, Dera Ismail Khan, and almost unchanged elsewhere. Wheat selling from 11 to $15\frac{1}{2}$, gram 13 to 14, barley 19, maize $18\frac{1}{2}$ to 23, bulrush millet 18 to 23, great millet 20 and rice 10 to 11 seers per rupee.

Agricultural operations.—Sugarcane being pressed. Extra spring and autumn sowings commenced in some places.

Crops and outturn.—Crops generally in good condition; prospects promising. Stocks of food-grain sufficient.

Damage done to crops.—Hails are reported to have damaged crops in parts of Lahore. Locusts reappeared in parts of Shahpur, but did no damage. Crops have also been injured by water in some low-lying tracts of Siálkot.

Agricultural stock.—Cattle are generally in good condition; improving in Siálkot.

Pasturage.—Fodder scarce in Amritsar; sufficient elsewhere.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 12TH FEBRUARY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	6	2	8	19	9	10		...	...	10	2	...	7	...	...	...	25	59	1
2		Hansi ...	15,19[illegible]	4	2	6	7	3	4	...	...	...	3	...	...	4	1	...	1	21	24	2
3		Bhiwani ...	35,487	11	7	18	25	13	12	...	...	...	10	2	...	13	2	3	5	26	37	3
4		Sirsa ...	16,415	3	5	8	5	1	4	..	...	...	3	1	...	1	...	3	3	25	16	4
5	Rohtak ...	Rohtak ...	16,19	7	7	14	5	4	1	...		..	2	...	..	3	1	1	2	45	16	5
6		Jhajjar ...	11,881	5	2	7	9	...	2	.		...	–	...	.	2	...	2	2	31	9	6
7	Gurgaon ...	Rewari ..	27,934	[illegible]	2	8	10	7	3	...	...	...	1	1	...	8	2	1	[illegible]	15	19	7
8		Palwal ...	11,227	3	1	4	8	5	3	..	...	1	5	...	...	2	1	1	[illegible]	19	37	8
9	Delhi ...	Delhi ...	189,64[illegible]	52	51	103	11[illegible]	69	50	...	..	...	52	1	3	63	6	1	21	28	3[illegible]	9
10		Sonepat ...	12,61[illegible]	4	3	7	6	3	3	...	..	...	5	...	...	1	...	2	2	29	25	10
11	Karnal ...	Karnal ...	21,530	6	8	14	5	2	3	...	...	...	3	...	...	2	...	2	2	34	1[illegible]	11
12		Kaithal ...	15,768	9	4	1[illegible]	5	3	2	...	...	...	2	...	...	3	3	...	3	43	17	12
13		Panipat ...	27,547	4	11	15	13	6	7	...	...	...	8	...	1	4	1	2	3	28	25	13
14		Shahabad ...	11,473	1	6	7	2	2	...	..	...	..	2	...	...	...	1	...	1	32	9	14
15	Umballa ...	Umballa ...	26,856	8	12	20	5	2	3	...		.	3	...	...	2	...	...	...	39	10	15
16		Jagadhri ...	13,029	3	8	11	4	2	2		..		1	...	...	3	1	2	3	44	16	16
17		Sadhaura ...	10,445	2	2	4	2	1	1	...		...	2	...	...	...	...	...	...	20	1	17
18	Hoshiarpur	Hoshiarpur ...	Returns not received.																			18
19		Tanda and Urmar																				19
20	Jullundur ...	Jullundur ...	50,375	17	24	41	27	11	16		...	...	11	...	...	16	4	8	12	42	28	20
21		Rahon ...	10,667	5	3	8	5	1	4	...	...	...	3	...	...	2	...	1	1	39	24	21
22		Kartarpur ...	10,441	3	6	9	4	2	2	...	...	...	4	...	...	...	...	2	2	45	20	22
23	Ludhiana ...	Ludhiana ...	46,024	10	12	22	30	16	14	...	...	...	14	2	...	14	3	5	8	25	34	23
24		Jagraon ...	18,116	8	7	15	7	5	2	...	..	...	2	...	...	5	1	1	2	43	20	24
25	Ferozepore ...	Ferozepore ...	25,337	5	2	7	14	8	6	..	...	...	5	2	...	7	4	2	6	14	29	25
26	Mooltan ...	Mooltan ...	64,265	25	28	53	36	16	20	...		...	12	2	1	21	0	10	19	43	29	26
27	Jhang ...	Maghiana ...	13,866	4	3	7	14	8	6	...	...	...	7	2	...	5	3	3	6	26	53	27
28		Chiniot ...	13,476	1	2	3	11	4	7	...	...	...	...	...	...	11	3	5	8	12	43	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	49	36	85	72	43	29	..	...	1	33	3	2	33	11	8	19	28	24	29
30		Kasur ...	20,290	9	8	17	19	7	12	..	...	...	9	1	1	8	3	7	10	44	49	30
31		Chunian ...	10,339	6	4	10	7	6	1	..	...	...	2	...	...	5	...	...	...	50	35	31
32	Amritsar ...	Amritsar ...	135,401	52	44	96	69	39	30		...	...	36	3	...	30	6	4	10	37	27	32
33	Gurdaspur ...	Batala ...	27,223	8	6	14	18	5	13	...	...	2	7	...	...	9	1	4	5	27	34	33
34	Sialkot ...	Sialkot ...	33,965	23	17	40	24	12	12	...	...	1	12	...	...	11	3	1	4	61	37	34
35	Gujrat ...	Gujrat ...	17,671	6	7	13	10	8	2		...	...	4	...	..	6	1	1	2	31	30	35
36		Jalalpur ...	11,065	1	6	7	4	3	1	..	...	...	1	...	...	3	...	...	...	3[illegible]	19	36
37	Gujranwala ...	Gujranwala ...	25,892	5	8	13	10	1	9	..	...	...	3	...	...	7	...	3	3	26	20	37
38		Wazirabad ...	15,786	5	7	12	6	2	4	...	...	...	3	...	1	2	...	1	1	40	20	38
39	Shahpur ...	Bhera ...	17,428	6	5	11	2	...	2	..	..	...	1	...	...	1	...	2	2	33	6	39
40	Jhelum ...	Pind Dadan Khan	15,055	5	1	6	8	3	5	...	...	...	4	2	...	2	...	...	...	21	28	40
41	Rawalpindi ...	Rawalpindi ...	38,334	12	14	26	29	17	12	...	...	...	17	...	...	12	1	3	4	35	39	41
42	Peshawar ...	Peshawar ...	63,079	24	15	39	34	26	8	..	...	...	16	...	...	18	9	2	11	32	28	42
43	Kohat ...	Kohat ...	14,347	10	5	15	9	7	2	..	...	...	2	...	...	7	3	1	4	55	33	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	7	4	11	23	14	9	..	...	...	18	3	...	2	2	1	3	27	56	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	8	6	14	15	10	5	...	...	...	12	...	...	3	2	...	2	31	33	45
	Grand Total ...		1,383,597	448	413	861	749	406	343		...	5	350	27	9	358	88	109	197	32	28	
	Hill Sanitaria.																					
	Simla ...	...	13,279	4	5	9	5	3	2	...	...	...	3	...	1	1	...	...	...	35	20	
	Dharmsala ...	...	2,778	1	...	1	1	1	...	...	...	...	1	...	...	...	...	...	...	19	19	
	Dalhousie ...	...	807	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	...	1,459	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 1st March 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 12TH FEBRUARY 1898.

Births and Deaths in Municipal Towns.—In the 43 large Municipal towns 861 births were registered (448 males and 413 females), giving a birth-rate of 32 per *mille* of population; 749 deaths were registered (406 males and 343 females), giving a death-rate of 28 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 1st March 1898.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

QUANTITIES PER RUPEE BY THE

1	2			3			4			5		
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 15th February 1898.	Past fortnight ending 31st January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th February 1898.	Past fortnight ending 31st January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th February 1898.	Past fortnight ending 31st January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th February 1898.	Past fortnight ending 31st January 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs	Srs.	Srs	Srs.	Srs.	Srs.
Hissar ...	12	12	9	20	20	11	...	...	...	10	10	8
Rohtak ...	11	11	9	15	15	9	...	...	...	10	10	9
Gurgaon ...	11	11	8	19	19	10	...	...	...	8	8	7
Delhi ...	11	11	9	19	18	10	...	...	...	10	10	9
Karnál ...	10	10	9	18	17	10	...	...	...	8	10	8
Umballa ...	12	12	9	16	16	11	...	...	...	10	10	8
Simla ...	10	10	9	13	13	...	...	...	...	9	9	8
Kángra ...	14	13	10	19	18	12	...	...	...	11	12	10
Hoshiárpur ...	14	13	10	18	16	12	...	...	...	11	11	9
Jullundur ...	14	13	10	19	17	9	...	...	...	9	9	7
Ludhiána ...	13	12	9	19	18	11	...	...	...	7	8	8
Ferozepore ...	13	12	9	19	18	11	...	...	...	7	7	7
Mooltan ...	11	11	9	20	19	12	...	...	...	12	13	8
Jhang ...	13	13	9	20	19	13	...	...	...	11	11	8
Montgomery...	13	12	9	18	17	§	...	...	...	10	10	10
Lahore ...	13	13	8	19	15	11	...	...	...	9	10	8
Amritsar ...	13	12	9	18	17	12	...	...	...	9	9	8
Gurdáspur ...	14	13	10	20	18	11	...	...	...	10	10	8
Siálkot ...	13	12	9	17	17	13	...	...	...	11	11	8
Gujrát ...	12	12	9	15	15	11	...	...	...	8	8	8
Gujránwála ...	13	13	9	18	19	13	...	...	...	11	9	8
Shahpur ...	15	14	9	20	20	12	...	...	...	7	8	6
Jhelum ...	14	14	9	17	17	11	...	...	...	9	9	8
Ráwalpindi ...	14	12	9	23	18	14	...	...	...	8	7	6
Hazára ...	13	13	9	20	19	13	...	...	...	8	9	7
Peshávar ...	12	11	9	20	19	13	...	...	...	8	7	8
Kohát ...	13	13	10	17	18	16	...	...	...	10	10	9
Bannu ...	17	14	12	33	27	17	...	...	...	10	10	9
D. I. Khan ...	14	13	10	21	21	13	...	...	...	6	6	6
D. G. Khan ...	12	12	9	15	16	10	...	...	...	13	12	7
Muzaffargarh	13	13	10	18	18	11	...	...	...	10	10	9

† Not pro

§ Not pre

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH FEBRUARY 1898.

ORDINARY SEER OF 80 TOLAS.

6			7			1
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*			
Present fortnight ending 15th February 1898.	Past fortnight ending 31st January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th February 1898.	Past fortnight ending 31st January 1898.	Corres onding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
23	25	11	23	22	9	Hissar.
22	21	10	21	20	9	Rohtak.
20	20	10	22	20	10	Gurgaon.
20	19	10	20	19	9	Delhi.
20	20	10	19	19	10	Karnál.
21	25	11	19	20	11	Umballa.
14	14	9	14	13	8	Simla.
†	†	§	†	†	§	Kángra.
19	19	10	17	16	9	Hoshiárpur.
20	19	§	18	18	9	Jullundur.
19	15	11	21	19	11	Ludhiána.
18	18	11	19	18	10	Ferozepore.
17	16	11	18	16	11	Mooltan.
25	21	11	18	18	10	Jhang.
19	17	§	17	17	§	Montgomery.
18	18	11	17	18	10	Lahore.
18	18	11	17	17	10	Amritsar.
19	18	11	11	11	11	Gurdáspur.
18	18	11	18	17	§	Siálkot.
17	17	11	16	17	11	Gujrát.
18	17	12	17	17	10	Gujránwála.
16	16	11	18	18	10	Shahpur.
18	18	11	17	16	10	Jhelum.
21	19	13	18	16	10	Ráwalpindi.
§	§	§	14	12	§	Hazára.
20	18	14	16	14	10	Pesháwar.
§	§	§	19	18	12	Kohát.
25	23	15	24	23	13	Bannu.
28	29	13	21	19	12	D. I. Khan.
20	20	12	19	18	11	D. G. Khan.
15	15	10	14	14	10	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 13 seers as compared with 12 seers in last fortnight and 9 seers in corresponding period of 1897. The chief variations in each Division are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Srs.	Srs.	Srs.
Hissar	...	9	12	12
Ferozepore	...	9	12	13
Lahore	...	8	13	13
Shahpur	...	9	14	15
Hazára	...	9	13	13
Bannu	...	12	14	17

Barley.—Prices average 19 seers as compared with 18 seers in last fortnight and 12 seers in corresponding period of 1897. The chief variations in each Division are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Srs.	Srs.	Srs.
Hissar	...	11	20	20
Jullundur	...	9	17	19
Gurdáspur	...	11	18	20
Ráwalpindi	...	14	18	23
Hazára	...	13	19	20
Bannu	...	17	27	33

Rice.—Prices average 9 seers as compared with 9 seers in last fortnight and 8 seers in corresponding period of 1897. The chief variations in each Division are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Srs.	Srs.	Srs.
Hissar	...	8	10	10
Jullundur	...	7	9	9
Mooltan	...	8	13	12
Siálkot	...	8	11	11
Kohát	...	9	10	10
D. G. Khan	...	7	12	13

Jowár.—Prices average 20 seers as compared with 19 seers in last fortnight and 11 seers in corresponding period of 1897. The chief variations in each Division are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Srs.	Srs.	Srs.
Hissar	...	11	25	23
Hoshiárpur	...	10	19	19
Jhang	...	11	21	25
Ráwalpindi	...	13	19	21
Peshâwar	...	14	18	20
D. I. Khan	...	13	29	28

Bájra.—Prices average 18 seers as compared with 18 seers in last fortnight and 10 seers in corresponding period of 1897. The chief variations in each Division are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Srs.	Srs.	Srs.
Hissar	...	9	22	23
Ludhiána	...	11	19	21
Jhang	...	10	18	18
Shahpur	...	10	18	18
Kohát	...	12	18	19
Bannu	...	13	23	24

duced.
curable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRIC

QUANTITIES PER RUPEE

1	8			9			10			11		
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 15th February 1898.	Past fortnight ending 31st January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th February 1898.	Past fortnight ending 31st January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th February 1898.	Past fortnight ending 31st January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th February 1898.	Past fortnight ending 31st January 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	15	14	11	20	20	11
Rohtak ...	†	†	†	10	10	10	12	12	10	21	21	11
Gurgaon ...	†	†	†	†	†	†	12	12	9	16	15	10
Delhi ...	†	†	†	13	13	9	12	11	10	19	18	10
Karnál ...	22	22	10	8	8	8	10	10	11	19	19	11
Umballa ...	28	25	§	13	15	10	12	12	10	23	21	11
Simla ...	14	14	§	8	8	8	10	9	10	18	17	10
Kángra ...	§	§	‡	‡	‡	§	10	10	10	21	21	11
Hoshiárpur ...	14	14	10	12	12	11	13	12	11	22	20	12
Jullundur ...	§	§	§	16	16	11	13	12	11	22	21	12
Ludhiána ...	†	†	†	15	14	11	13	13	11	22	21	12
Ferozepore ...	†	†	†	14	14	8	13	12	11	18	18	12
Mooltan ...	†	†	†	12	12	9	12	11	10	16	17	10
Jhang ...	20	20	12	30	22	12	13	12	11	20	22	11
Montgomery ...	§	§	§	†	†	†	12	12	11	19	18	§
Lahore ...	§	§	§	17	18	9	13	13	10	18	18	11
Amritsar ...	†	†	†	15	15	8	13	11	10	18	17	11
Gurdáspur ...	§	§	15	12	12	11	13	12	11	19	18	11
Siálkot ...	§	§	§	§	§	§	13	12	10	18	17	11
Gujrát ...	†	†	†	7	7	6	11	12	11	17	17	11
Gujránwála ...	†	†	†	‡	12	10	13	13	10	17	17	11
Shahpur ...	16	16	12	16	16	12	14	14	11	16	16	10
Jhelum ...	‡	‡	‡	‡	‡	‡	12	12	12	18	17	11
Ráwalpindi ...	‡	‡	‡	12	12	11	14	11	11	22	18	11
Hazára ...	†	†	†	†	§	†	11	10	11	19	18	11
Peshávar ...	†	†	†	15	15	10	11	10	10	20	19	11
Kohát ...	†	†	†	§	§	†	11	11	12	19	18	13
Bannu ...	13	13	9	7	7	10	15	14	16	33	28	17
D. I. Khan ...	§	§	§	4	4	4	14	14	13	19	19	13
D. G. Khan ...	§	§	§	§	§	§	11	11	11	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	11	11	10	§	§	§

† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH FEBRUARY 1898—continued.

12			13			1
THE ORDINARY SEER OF 80 TOLAS.						
Arhur or Thur Cadjan Pea (Cajanus Indicus).			*Firewood.*			
Present fortnight ending 15th February 1898.	Past fortnight ending 31st January 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th February 1898.	Past fortnight ending 31st January 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
†	†	†	100	100	100	Hissar.
10	10	10	100	100	120	Rohtak.
12	11	10	160	160	120	Gurgaon.
11	11	11	90	90	90	Delhi.
8	8	9	160	160	160	Karnál.
§	§	§	150	135	140	Umballa.
7	7	7	80	80	80	Simla.
10	10	8	100	100	100	Kángra.
8	8	8	110	110	130	Hoshiárpur.
†	†	§	95	100	100	Jullundur.
7	8	8	100	100	110	Ludhiána.
7	7	7	120	110	120	Ferozepore.
†	†	†	100	100	90	Mooltan.
10	8	8	160	140	160	Jhang.
‡	‡	6	260	240	310	Montgomery.
7	7	7	95	95	95	Lahore.
§	§	†	90	85	110	Amritsar.
§	§	§	100	100	120	Gurdáspur.
§	§	§	120	120	120	Siálkot.
†	†	†	110	110	110	Gujrát.
11	12	†	115	115	95	Gujránwála.
†	†	†	160	160	160	Shahpur.
‡	‡	‡	120	120	160	Jhelum.
‡	‡	‡	65	60	80	Ráwalpindi.
†	†	†	81	100	90	Hazára.
16	15	17	55	48	80	Peshávar.
†	†	†	89	89	102	Kohát.
5	5	8	70	60	74	Bannu.
5	5	7	125	125	125	D. I. Khan.
§	§	§	100	100	100	D. G. Khan.
9	‡	§	140	140	140	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Gram.—Prices average 12 seers as compared with 12 seers in last fortnight and 11 seers in corresponding period of 1897. The chief variations in each Division are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Hissar ...	11	14	15
Ferozepore ...	11	12	13
Lahore ...	10	13	13
Shahpur ...	11	14	14
Peshâwar ...	10	10	11
D. I. Khan ...	13	14	14

Maize.—Prices average 20 seers as compared with 19 seers in last fortnight and 11 seers in corresponding period of 1897. The chief variations in each Division are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Umballa ...	11	21	23
Kangra ...	11	21	21
Jhang ...	11	22	20
Ráwalpindi ...	11	18	22
Peshâwar ...	11	19	20
Bannu ...	17	28	33

duced.

curable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt.					
	Present fortnight ending 15th February 1898		Past fortnight ending 31st January 1898		Corresponding fortnight of 1897	
DISTRICTS.	Wholesale.	Retail.	Wholesale	Retail.	Wholesale.	Retail.
	Srs C.	Srs C.	Srs. C.	Srs. C.	Srs. C	Srs. C.
Hissar	11 4	11 0	11 4	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 8	12 0	12 4	12 0	12 0	11 0
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 12
Simla	9 0	8 8	9 0	8 0	10 0	9 0
Kángra	*	11 0	*	11 0	*	10 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	12 8	13 0	12 8	13 0	13 0
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	12 4	12 4	12 4	12 4	13 0	12 8
Jhang	12 4	12 0	12 4	12 0	12 4	12 0
Montgomery	12 12	12 8	12 12	12 8	12 12	12 8
Lahore	13 6	13 0	13 6	12 12	13 6	13 2
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 8
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	13 12	13 8	13 12	13 8	13 12	13 0
Shahpur	13 8	13 0	13 8	13 8	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	13 12	14 0	13 12	13 12	13 8
Hazára	*	11 8	*	11 8	*	11 8
Peshâwar	16 0	15 0	16 0	15 0	20 0	19 0
Kohát	19 2	17 9	19 0	17 9	23 14	21 0
Bannu	22 8	20 0	22 8	20 0	25 0	23 0
D. I. Khan	16 0	15 0	16 0	15 0	18 0	17 0
D. G. Khan	13 12	12 8	12 8	11 4	14 12	10 12
Muzaffargarh	*	12 0	*	12 0	*	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH FEBRUARY 1898—concluded.

15			16			1	
THE ORDINARY SEER OF 80 TOLAS.							
Gur.			*Cotton (unginned).*				
Present fortnight ending 15th February 1898.	Past fortnight ending 31st January 1898	Corresponding fortnight of 1897.	Present fortnight ending 15th February 1898.	Past fortnight ending 31st January 1898	Corresponding fortnight of 1897.	DISTRICTS	REMARKS ON CURRENT VARIATIONS.
Srs C	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.		
10 0	11 0	12 0	7 0	7 0	7 8	Hissar.	
11 0	12 0	15 0	10 0	9 8	9 0	Rohtak.	
11 0	11 0	13 0	9 0	9 0	9 0	Gurgaon.	
9 8	10 0	11 0	9 8	9 8	9 0	Delhi.	
11 0	12 0	14 0	11 0	11 0	10 0	Karnál.	
10 8	10 12	11 8	11 0	11 0	9 8	Umballa.	
6 8	6 0	9 0	†	†	†	Simla.	
8 0	8 0	10 0	6 0	6 0	6 0	Kángra.	
9 0	9 0	11 8	10 0	10 0	8 0	Hoshiárpur.	
10 0	10 0	11 0	11 0	11 0	9 8	Jullundur.	
8 0	8 12	9 0	9 0	8 8	8 0	Ludhiána.	
8 12	9 4	9 12	9 12	9 12	8 12	Ferozepore.	
8 8	8 8	8 8	8 8	8 8	8 0	Mooltan	
10 0	11 0	10 0	10 0	11 0	10 0	Jhang.	
9 8	9 8	10 4	10 0	10 0	10 0	Montgomery.	
9 0	9 8	10 4	9 2	9 8	8 10	Lahore.	
9 12	10 0	11 0	9 12	9 12	8 12	Amritsar.	
10 0	11 0	12 0	10 0	10 0	8 0	Gurdáspur.	
9 8	10 0	12 0	8 8	8 8	8 8	Siálkot.	
9 0	9 8	10 8	9 0	8 0	9 0	Gujrát.	
9 0	9 6	10 8	10 0	10 0	10 0	Gujránwála.	
8 0	9 0	10 0	9 0	9 0	10 0	Shahpur.	
9 8	9 8	11 0	‡	‡	8 0	Jhelum.	
9 12	9 8	10 4	8 12	8 12	8 12	Ráwalpindi.	
7 4	7 8	9 0	§	§	§	Hazára.	
7 12	8 0	8 10	8 6	8 6	9 4	Peshâwar.	
8 2	8 10	9 9	11 8	11 8	10 13	Kohát.	
13 2	14 6	14 0	8 12	8 12	10 0	Bannu.	
10 0	10 10	10 12	11 4	11 4	11 4	D. I. Khan.	
6 14	7 6	7 8	11 4	8 12	8 2	D. G. Khan.	
8 4	8 0	9 0	10 0	8 0	8 0	Muzaffargarh.	

sale salt sold.
duced.

curable.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QU

1	2	3	4	5	6	7	8	9	10	11
	WHOLESALE PRICE PER MAUND OF									
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi	2 8 0	3 10 2	3 10 2	2 0 0	1 14 6	1 14 6	2 0 0	3 5 4	4 11 3	4 7 1
Ferozepore ...	2 3 0	9 0 0	3 1 0	2 2 0	2 3 0	2 1 6	2 2 6	2 14 6	5 12 0	4 6 0
Mooltan	1 9 7	3 12 9	3 8 11	1 14 6	1 3 7	2 3 7	2 5 7	3 4 3	...	4 11 3
Lahore	2 5 0	4 3 4	3 0 9	2 0 10	2 2 8	2 3 0	2 3 10	3 1 9	5 3 11	4 1 8
Amritsar	2 8 0	4 9 2	2 14 6	...	...	...	2 2 7	2 14 6	...	...
Ráwalpindi ...	2 0 0	5 0 0	2 13 0	1 10 8	1 14 6	2 3 6	1 13 1	2 13 0	6 0 7	3 10 2

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH FEBRUARY 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
OR 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.
20 0 0	5 0 0	4 0 0	10 10 8	31 0 0	4 1 8	8 0 0	11 6 10	...	0 10 8	1 0 0	0 8 0	125	60 0 0
5 12 0	4 8 0	4 8 0	11 8 0	32 0 0	3 10 0	5 0 0	11 0 0	30 0 0	0 8 0	0 9 0	0 7 0	75	50 0 0
6 10 6	5 0 0	4 7 0	11 7 0	32 0 0	3 12 9	10 0 0	13 5 4	...	0 5 4	0 9 0	0 6 5	70	50 0 0
5 8 0	4 11 3	4 5 3	12 8 9	30 8 0	3 8 3	5 11 5	12 4 11	31 0 0	1 0 0	0 8 0	...	105	100 0 0
...	4 11 4	4 0 0	11 6 10	...	3 6 6	...	...	...	...	0 9 10	...	...	...
5 8 0	5 0 0	4 0 0	13 5 4	27 13 3	3 0 3	4 0 0	10 0 0	29 0 0	0 8 0	0 9 10	0 10 8	60	55 0 0

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

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PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 8th MARCH 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 12 seers ... Gram 14 seers. Bájra 23 seers.	Rapeseed crop being harvested. Crops dependent on rain have been damaged by strong winds. Prospects fair. Canal crops in good condition.	...
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Wheat 12 seers. ... Gram 16 seers. Bájra 20 seers.	Crops in good condition. Prospects average.	...
3	Umbalia ...	...	1. Sufficient ... 2. Good.	Wheat 13½ to 14½ seers. Gram 13 to 14½ seers. Maize 22½ seers.	Crops in good condition ...	...
4	Jullundur ...	...	1. Sufficient ... 2. Fair.	Wheat 15½ seers. Gram 15 seers. Maize 23 seers.	Condition of standing crops good. Extra spring ploughings commenced. Stocks of food-grain sufficient.	...
5	Ferozepore ...	...	1. Sufficient ... 2. Good.	Wheat 15 seers ... Gram 16 seers. Jowár 20 seers. Maize 20 seers.	Gram crop slightly damaged by dust-storm.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharff (Autumn).
6	Mooltan ...	...	1. Sufficient ...	Wheat, 2nd quality, 12 seers.	Crops in good condition.	...
7	Lahore ...	...	1. Sufficient ...	Wheat 12¼ to 13¾ seers. Maize 18 to 18½ seers.	Prospects good. Gram crop slightly injured by high winds.	Ploughings commenced.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 15 seers ... Maize 21½ seers.	Condition of crops good. Stock of food-grain sufficient.	...
9	Siálkot ...	...	1. Green fodder procurable. 2. Improved.	Wheat 14 to 15 seers. Rice 11 to 12 seers.	Condition satisfactory ...	Ploughings commenced.
10	Shahpur ...	...	1. Sufficient ...	Wheat 15½ seers ... Bájra 18 to 20 seers.	Crops in good condition. Locusts appeared in the Bhera Tahsíl.	...
11	Ráwalpindi ...	0·20 at Ráwalpindi. 0·14 in Pindigheb. 0·31 in Fatehjang. 0·51 in Attock. 0·45 in Kahúta. 0·10 in Murree.	1. Sufficient ... 2. Good.	Falling ... Wheat 14¾ seers. Bájra 19 seers. Maize 23 seers.	Prospects excellent ...	...
12	Pesháwar ...	0·50	1. Sufficient ... 2. Good.	Wheat $13\frac{5}{16}$ seers. Maize $23\frac{1}{16}$ seers.	Rain benefited the standing crops Condition of crops good. Hail fell in parts of Pesháwar Tahsíl and damaged the crops to a certain extent.	...
13	D. I. Khan ...	...	1. Sufficient ... 2. Good.	Wheat 14¾ seers. Bájra 20⅝ seers.	Condition of standing crops good. Crops have been slightly damaged by high winds. Harvesting of rape seed crop in progress. Sowings of extra spring crops commenced.	...

GENERAL REMARKS.

Rainfall.—Rain has fallen in Ráwalpindi and Pesháwar Districts.

Prices.—Rising in Dera Ismail Khan, unchanged in Hissar, Delhi and Lahore and falling elsewhere.

Wheat is selling from 12 to 15⅝, gram 14 to 16, bulrush millet 18 to 23, maize 18 to $23\frac{1}{16}$, great millet 20 and rice 11 to 12 seers per rupee.

Agricultural operations.—Harvesting of rape-seed crop in progress. Sowings of extra spring crops and ploughings for autumn crops commenced in some districts.

Crops and outturn.—Crops are generally in good condition. Prospects promising. Recent rain has benefited the standing crops in Ráwalpindi and Pesháwar. Stocks of food-grain sufficient.

Damage done to crops.—Gram crop is reported to have been damaged by high winds in certain districts. Hail fell in parts of Pesháwar and damaged the crops to a certain extent. Locusts appeared in parts of Shahpur, but did no damage.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder is said to be sufficient in all districts.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 19TH FEBRUARY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	6	3	9	11	8	3	...	...	...	6	...	...	5	3	...	3	28	34	1
2		Hansi ...	15,190	3	5	8	10	3	7	...	...	...	1	...	...	9	2	2	4	27	34	2
3		Bhiwani ...	35,487	6	13	19	24	11	13	...	...	...	15	1	...	8	3	6	9	28	35	3
4		Sirsa ...	16,415	10	3	13	10	4	6	...	...	...	6	...	...	4	2	1	3	41	32	4
5	Rohtak ...	Rohtak ...	16,191	7	3	10	4	2	2	...	...	...	3	1	...	...	...	...	...	32	13	5
6		Jhajjar ...	11,881	2	1	3	3	2	1	...	...	...	2	...	...	1	1	1	2	13	13	6
7	Gurgaon ...	Rewari ...	27,934	7	9	16	9	5	4	...	...	...	3	1	...	5	1	1	2	30	17	7
8		Palwal ...	11,227	5	6	11	5	3	2	...	...	...	5	...	...	...	...	...	...	51	23	8
9	Delhi ...	Delhi ...	189,648	43	56	99	122	68	54	...	...	1	64	2	...	55	19	14	33	27	34	9
10		Sonepat ...	12,611	3	1	4	4	3	1	...	...	...	3	...	...	1	2	1	3	17	17	10
11	Karnal ...	Karnal ...	21,530	9	10	19	7	2	5	...	...	...	4	1	...	2	1	2	3	46	17	11
12		Kaithal ...	15,768	4	3	7	5	3	2	...	...	...	1	1	...	3	...	1	1	23	17	12
13		Panipat ...	27,547	7	5	12	10	4	6	...	...	...	4	...	...	6	1	2	3	23	19	13
14		Shahabad ...	11,473	6	3	9	3	1	2	...	...	...	3	...	...	...	...	1	1	41	14	14
15	Umballa ...	Umballa ...	26,856	10	7	17	12	9	3	...	...	...	7	1	...	4	1	1	2	33	23	15
16		Jagadhri ...	13,029	...	4	4	10	4	6	...	...	...	8	...	...	2	1	...	1	16	40	16
17		Sadhaura ...	10,445	3	...	3	2	1	1	...	...	...	2	...	...	...	...	...	...	15	[illegible]	17
18	Hoshiarpur	Hoshiarpur ...	17,546	7	3	10	6	4	2	...	...	...	3	1	...	2	1	1	2	30	18	18
19		Tanda and Urmar	11,632	3	5	8	8	5	3	...	...	2	3	...	...	3	1	1	2	36	36	19
20	Jullundur ...	Jullundur ...	50,375	22	19	41	26	13	13	...	...	...	10	1	...	15	3	3	6	42	27	20
21		Rahon ...	10,667	7	3	10	3	1	2	...	...	...	2	...	...	1	...	...	...	49	15	21
22		Kartarpur ...	10,441	1	4	5	3	2	1	...	...	...	2	...	...	1	1	...	1	25	15	22
23	Ludhiana ...	Ludhiana ...	46,024	16	24	40	27	14	13	...	...	...	15	...	...	12	5	2	7	45	31	23
24		Jagraon ...	18,116	9	5	14	13	6	7	...	...	...	5	...	...	8	2	1	3	40	37	24
25	Ferozepore ...	Ferozepore ...	25,337	11	8	19	13	8	5	...	...	...	5	4	...	4	...	1	1	39	27	25
26	Mooltan ...	Mooltan ...	64,265	24	21	45	37	17	20	...		...	12	1	...	24	8	10	18	37	30	26
27	Jhang ...	Maghiana ...	13,866	6	3	9	10	2	8	...	...	...	3	...	...	7	...	6	6	34	38	27
28		Chiniot	13,476	5	1	6	8	6	2	...	...	...	5	...	...	3	3	...	3	23	31	

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	54	48	102	83	49	34	...	...	1	37	5	...	40	17	7	24	33	27	29
30		Kasur ...	20,290	10	8	18	9	6	3	...	...	...	4	1	...	4	1	2	3	46	23	30
31		Chunian ...	10,339	5	8	13	8	2	6	...	...	...	3	...	...	5	...	1	1	66	40	31
32	Amritsar ...	Amritsar ...	135,401	61	49	110	81	44	37	...	...	...	36	5	3	37	10	11	21	42	31	32
33	Gurdaspur ...	Batala ...	27,223	7	15	22	8	5	3	...	...	...	4	...	...	4	1	2	3	42	15	33
34	Sialkot ...	Sialkot ...	33,965	13	9	22	22	15	7	...	...	1	7	...	1	13	2	1	3	34	34	34
35	Gujrat ...	Gujrat ...	17,671	3	3	6	7	3	4	...	...	...	2	...	...	5	...	...	...	19	21	35
36		Jalalpur ...	11,065	4	4	8	8	3	5	...	...	...	1	...	...	7	2	2	4	38	38	36
37	Gujranwala...	Gujranwala ...	25,892	8	4	12	10	5	5	...	...	...	5	...	...	5	1	1	2	24	20	37
38		Wazirabad ...	15,786	4	5	9	12	11	1	...	...	1	9	...	...	2	3	1	4	30	40	38
39	Shahpur ...	Bhera ...	17,428	1	3	4	6	3	3	...	...	...	2	...	...	4	1	1	2	12	18	39
40	Jhelum ...	Pind Dadan Khan	15,055	3	5	8	10	8	2	...	...	...	7	3	...	...	1	...	1	28	35	40
41	Rawalpindi ...	Rawalpindi ...	38,334	11	6	17	23	19	4	...	...	...	14	1	...	8	3	1	4	2[illegible]	31	41
42	Peshawar ...	Peshawar ...	63,079	20	16	36	39	18	21	...	...	...	25	3	...	11	3	4	7	30	32	42
43	Kohat ...	Kohat ...	14,347	4	3	7	9	3	6	...	...	...	3	1	...	5	1	1	2	25	33	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	5	8	13	28	13	15	...	...	...	17	2	...	9	2	6	8	31	68	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	6	6	12	16	10	6	...	...	...	9	1	1	5	1	1	2	26	35	45
	Grand Total ...		1,412,775	461	428	889	784	428	356	...	...	6	387	37	5	349	110	100	210	33	29	
	Hill Sanitaria.																					
	Simla ...		13,279				Returns not received.															
	Dharmsala ...		2,778	2	2	4	...	...	...	...	...	...	...	...	...	...	...	...	...	75	...	
	Dalhousie ...		807	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	65	
	Murree ...		1,459	...	...	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...	36	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 7th March 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 19TH FEBRUARY 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 889 births were registered (461 males and 428 females), giving a birth-rate of 33 per *mille* of population; 784 deaths were registered (428 males and 356 females), giving a death-rate of 29 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 7th March 1898.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

1	2			3			4			5		
	QUANTITIES PER RUPEE BY THE											
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 28th February 1898.	Past fortnight ending 15th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 28th February 1898.	Past fortnight ending 15th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 28th February 1898.	Past fortnight ending 15th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 28th February 1898.	Past fortnight ending 15th February 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	13	12	9	20	20	11	...	...	...	10	10	8
Rohtak ...	12	11	8	18	15	9	...	...	...	10	10	9
Gurgaon ...	13	11	8	22	19	11	...	...	...	8	8	7
Delhi ...	12	11	9	21	19	10	...	...	...	10	10	9
Karnál ...	12	10	8	20	18	10	...	...	...	10	8	8
Umballa ...	13	12	8	18	16	10	...	...	...	10	10	8
Simla ...	10	10	7	14	13	9	...	...	...	9	9	7
Kángra ...	14	14	10	21	19	12	...	...	...	11	11	[illegible]
Hoshiárpur ...	16	14	10	20	18	11	...	...	...	11	11	[illegible]
Jullundur ...	15	14	9	19	19	9	...	...	...	8	9	[illegible]
Ludhiána ...	13	13	9	19	19	9	...	...	...	7	7	[illegible]
Ferozepore ...	13	13	9	20	19	12	...	...	...	7	7	[illegible]
Mooltan ...	11	11	8	20	20	11	...	...	...	12	12	[illegible]
Jhang ...	14	13	9	23	20	13	...	...	...	12	11	[illegible]
Montgomery ...	13	13	8	20	18	§	...	...	...	11	10	[illegible]
Lahore ...	13	13	9	19	19	11	...	...	...	10	9	[illegible]
Amritsar ...	13	13	9	19	18	11	...	...	...	9	9	[illegible]
Gurdáspur ...	14	14	9	20	20	11	...	...	...	10	10	[illegible]
Siálkot ...	14	13	9	19	17	11	...	...	...	11	11	[illegible]
Gujrát ...	13	12	9	15	15	10	...	...	...	9	8	[illegible]
Gujránwála ...	14	13	9	20	18	11	...	...	...	11	11	[illegible]
Shahpur ...	15	15	9	20	20	13	...	...	...	7	7	[illegible]
Jhelum ...	14	14	9	19	17	12	...	...	...	10	9	[illegible]
Ráwalpindi ...	14	14	9	23	23	13	...	...	...	8	8	[illegible]
Hazára ...	14	13	9	21	20	12	...	...	...	8	8	[illegible]
Pesháwar ...	12	12	9	20	20	13	...	...	...	9	8	[illegible]
Kohát ...	13	13	11	18	17	16	...	...	...	10	[illegible]	[illegible]
Bannu ...	20	17	11	33	[illegible]	17	...	...	...	11	10	[illegible]
D. I. Khan ...	16	14	10	21	21	12	...	...	...	6	6	[illegible]
D. G. Khan ...	12	12	9	16	15	10	...	...	...	13	13	[illegible]
Muzaffargarh	13	13	9	18	18	11	...	...	...	10	10	[illegible]

† Not pr[illegible]
§ Not pr[illegible]

OF THE PUNJAB DURING THE FORTNIGHT ENDING 28TH FEBRUARY 1898

ORDINARY SEER OF 80 TOLAS.

6			7			1	
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*				
Present fortnight ending 28th February 1898.	Past fortnight ending 15th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 28th February 1898.	Past fortnight ending 15th February 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
23	23	11	23	23	9	Hissar.	
21	22	10	21	21	9	Rohtak.	
20	20	10	22	22	9	Gurgaon.	
20	20	10	20	20	9	Delhi.	
21	20	10	19	19	9	Karnál.	
24	21	11	18	19	10	Umballa.	
15	14	8	15	14	8	Simla.	
†	†	§	†	†	§	Kángra.	
19	19	12	18	17	9	Hoshiárpur.	
20	20	§	18	18	8	Jullundur.	
20	19	11	22	21	9	Ludhiána.	
19	18	11	19	19	10	Ferozepore.	
17	17	11	17	18	11	Mooltan.	
26	25	11	19	18	10	Jhang.	
19	19	10	16	17	§	Montgomery.	
18	18	11	18	17	10	Lahore.	
18	18	10	18	17	10	Amritsar.	
19	19	11	11	11	11	Gurdáspur.	
18	18	11	18	18	§	Siálkot.	
17	17	11	17	16	10	Gujrát.	
18	18	11	17	17	10	Gujránwála.	
16	16	11	18	18	10	Shahpur.	
19	18	11	17	17	10	Jhelum.	
21	21	12	18	18	10	Ráwalpindi.	
§	§	§	14	14	§	Hazára.	
20	20	14	16	16	10	Peshávar.	
§	§	§	22	19	13	Kohát.	
31	25	15	33	24	13	Bannu.	
26	28	13	20	21	11	D. I. Khan.	
21	20	11	21	19	11	D. G. Khan.	
15	15	10	14	14	10	Muzaffargarh.	

duced.
curable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

1	8			9			10			11		
	QUANTITIES PER RUPEE BY											
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer. Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 28th February 1898.	Past fortnight ending 15th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 28th February 1898.	Past fortnight ending 15th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 28th February 1898.	Past fortnight ending 15th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 28th February 1898.	Past fortnight ending 15th February 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	15	15	10	20	20	10
Rohtak ...	†	†	†	10	10	10	15	12	10	21	21	10
Gurgaon ...	†	†	†	†	†	†	14	12	10	16	16	10
Delhi ...	†	†	†	13	13	8	13	12	10	19	19	10
Karnál ...	24	22	10	8	8	8	14	10	10	21	19	10
Umballa ...	§	28	11	13	13	§	13	12	10	22	23	10
Simla ...	14	14	§	8	8	8	11	10	9	19	18	10
Kángra ...	§	§	‡	‡	‡	§	9	10	9	21	21	11
Hoshiárpur ...	18	14	§	13	12	11	14	13	11	23	22	12
Jullundur ...	§	§	§	16	16	11	13	13	11	21	22	12
Ludhiána ...	†	†	†	15	15	10	13	13	11	22	22	11
Ferozepore ...	†	†	†	14	14	8	14	13	11	19	18	11
Mooltan ...	†	†	†	12	12	9	12	12	10	16	16	10
Jhang ...	24	20	12	28	30	12	16	13	11	26	20	11
Montgomery ...	§	§	§	†	†	†	14	12	10	18	19	§
Lahore ...	§	§	§	18	17	8	15	13	11	18	18	11
Amritsar ...	†	†	†	15	15	8	13	13	10	19	18	10
Gurdáspur ...	§	§	15	12	12	11	13	13	10	19	19	11
Siálkot ...	§	§	§	§	§	§	14	13	10	18	18	11
Gujrát ...	†	†	†	7	7	6	11	11	10	18	17	10
Gujránwála ...	†	†	†	‡	‡	10	14	13	10	18	17	11
Shahpur ...	16	16	13	16	16	13	14	14	11	16	16	10
Jhelum ...	‡	‡	‡	‡	‡	‡	14	12	11	19	18	11
Ráwalpindi ...	‡	‡	‡	12	12	11	13	14	10	22	22	11
Hazára ...	†	†	†	§	†	†	11	11	10	20	19	11
Peshávar ...	†	†	†	16	15	11	11	11	10	22	20	11
Kohát ...	†	†	†	§	§	†	12	11	12	22	9	13
Bannu ...	13	13	9	7	7	10	21	15	13	34	33	16
D. I. Khan ...	§	§	§	4	4	4	16	14	12	20	19	13
D. G. Khan ...	§	§	§	§	§	§	11	11	9	§	§	§
Muzaffargarh ...	§	§	§	11	§	§	‡	11	10	8	§	§

† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 28TH FEBRUARY 1898—continued.

12			13			1	
THE ORDINARY SEER OF 80 TOLAS.							
Arhur or Thur, Cadjan Pea (Cajan... Indicus).			*Firewood.*				
Present fortnight ending 28th February 1898.	Past fortnight ending 15th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 28th February 1898.	Past fortnight ending 15th February 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
†	†	†	100	100	100	Hissar.	
10	10	10	100	100	120	Rohtak.	
12	12	10	160	160	120	Gurgaon.	
11	11	10	90	90	90	Delhi.	
8	8	9	160	160	160	Karnál.	
§	§	§	150	150	140	Umballa.	
7	7	7	80	80	80	Simla.	
10	10	§	100	100	100	Kángra.	
8	8	8	110	110	130	Hoshiárpur.	
§	†	§	95	95	100	Jullundur.	
7	7	7	90	100	110	Ludhiána.	
7	7	6	120	120	110	Ferozepore.	
†	†	†	100	100	90	Mooltan.	
8	10	8	160	160	160	Jhang.	
‡	‡	6	260	260	310	Montgomery.	
7	7	7	95	95	95	Lahore.	
§	§	†	100	90	110	Amritsar.	
§	§	§	100	100	120	Gurdáspur.	
§	§	§	120	120	120	Siálkot.	
†	†	†	110	110	110	Gujrát.	
11	11	†	115	115	95	Gujránwála.	
†	†	†	160	160	160	Shahpur.	
‡	‡	‡	120	120	160	Jhelum.	
‡	‡	‡	65	65	80	Ráwalpindi.	
†	†	†	81	81	100	Hazára.	
15	16	16	52	55	83	Pesháwar.	
†	†	§	102	89	102	Kohát.	
5	5	8	70	70	74	Bannu.	
5	5	7	125	125	125	D. I. Khan.	
§	§	§	100	100	100	D. G. Khan.	
‡	9	§	140	140	140	Muzaffargarh.	

Firewood.—Prices average 115 seers as compared with 115 seers in last fortnight and 120 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Seers.	Seers.	Seers.
Gurgaon ...	120	160	160
Ludhiána ...	110	100	90
Montgomery ...	310	260	260
Jhelum ...	160	120	120
Pesháwar ...	83	55	52
Bannu ...	74	70	70

duced.

curable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

1	14					
	QUANTITIES PER RUPEE					
	Salt.					
	Present fortnight ending 28th February 1898.		Past fortnight ending 15th February 1898.		Corresponding fortnight of 1897.	
DISTRICTS.	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 4	11 0	11 4	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 8	12 0	12 0	11 0
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 8
Simla	10 0	9 0	9 0	8 8	10 0	9 [illegible]
Kángra	*	10 0	*	11 0	*	11 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 [illegible]
Ludhiána	13 0	12 8	13 0	12 8	13 0	13 0
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 [illegible]
Mooltan	12 4	12 4	12 4	12 4	13 0	12 [illegible]
Jhang	12 8	12 4	12 4	12 0	12 4	12 0
Montgomery	12 12	12 8	12 12	12 8	12 12	12 [illegible]
Lahore	13 2	13 2	13 6	13 0	13 10	13 [illegible]
Amritsar	13 0	12 0	13 0	12 0	13 0	12 [illegible]
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 [illegible]
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	13 12	13 8	13 12	13 8	14 0	13 [illegible]
Shahpur	13 8	13 0	13 8	13 0	13 8	13 [illegible]
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	13 12	14 0	13 12	13 14	13 [illegible]
Hazára	*	11 8	*	11 8	*	11 8
Peshâwar	16 0	15 0	16 0	15 0	20 0	19 0
Kohát	19 2	16 8	19 2	17 9	24 4	21 [illegible]
Bannu	22 8	20 0	22 8	20 0	25 0	23 0
D. I. Khan	16 0	15 0	16 0	15 0	16 4	15 [illegible]
D. G. Khan	14 5	11 4	13 12	12 8	14 2	13 2
Muzaffargarh	*	12 0	*	12 0	*	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 28TH FEBRUARY 1898—concluded.

THE ORDINARY SEER OF 80 TOLAS.

15			16			1
Gur.			*Cotton (unginned).*			
Present fortnight ending 28th February 1898.	Past fortnight ending 15th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 28th February 1898.	Past fortnight ending 15th February 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs. C	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
10 0	10 0	11 0	7 0	7 0	7 8	Hissar.
11 0	11 0	13 0	10 0	10 0	9 0	Rohtak.
10 8	11 0	12 0	9 0	9 0	9 0	Gurgaon.
9 0	9 8	9 8	9 8	9 8	9 0	Delhi.
11 0	11 0	14 0	11 0	11 0	10 0	Karnál.
10 8	10 8	12 0	11 0	11 0	10 0	Umballa.
6 8	6 8	9 0	†	†	†	Simla.
8 0	8 0	10 0	6 0	6 0	6 0	Kángra.
9 0	9 0	12 0	10 0	10 0	8 0	Hoshiárpur.
10 0	10 0	11 0	11 0	11 0	9 8	Jullundur.
7 0	8 0	8 0	8 8	9 0	7 8	Ludhiána.
8 12	8 12	9 12	9 12	9 12	8 12	Ferozepore.
8 8	8 8	8 8	8 8	8 8	8 0	Mooltan
10 0	10 0	10 0	10 0	10 0	10 0	Jhang.
9 0	9 8	10 4	10 0	10 0	10 0	Montgomery.
8 12	9 0	10 8	9 4	9 2	8 10	Lahore.
9 12	9 12	12 0	9 4	9 12	8 12	Amritsar.
9 8	10 0	12 0	9 0	10 0	8 0	Gurdáspur.
9 0	9 8	12 0	8 8	8 8	8 8	Siálkot.
9 0	9 0	10 0	9 0	9 0	9 0	Gujrát.
9 4	9 0	10 8	10 8	10 0	10 0	Gujránwála.
8 0	8 0	10 0	9 0	9 0	10 0	Shahpur.
8 12	9 8	11 0	‡	‡	‡	Jhelum.
9 12	9 12	10 4	8 12	8 12	8 12	Ráwalpindi.
7 4	7 4	8 8	§	§	§	Hazára.
7 10	7 12	8 10	8 6	8 6	9 10	Peshawar.
8 7	8 2	9 9	11 8	11 8	10 13	Kohát.
13 2	13 2	14 8	8 12	8 12	10 0	Bannu.
10 0	10 0	10 12	11 4	11 4	11 4	D. I. Khan.
6 9	6 14	7 8	10 10	11 4	8 12	D. G. Khan.
8 4	8 4	9 0	10 0	10 0	8 0	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Lahori Salt.—Prices average 12 seers 6 chatáks as compared with 12 seers 6 chatáks in last fortnight and 12 seers 6 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Delhi ...	11 0	12 0	12 0
Kángra ...	11 0	11 0	10 0
Mooltan ...	12 8	12 4	12 4
Siálkot ...	13 3	13 12	13 12

Kohát Salt.—Prices average 15 seers 9 chatáks as compared with 16 seers in last fortnight and 18 seers 7 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Kohát ...	21 11	17 9	16 8
Bannu ...	23 0	20 0	20 0

Gur.—Prices average 9 seers 3 chatáks as compared with 9 seers 5 chatáks in last fortnight and 10 seers 9 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Karnál ...	14 0	11 0	11 0
Hoshiárpur ...	12 0	9 0	9 0
Gurdáspur ...	12 0	10 0	9 8
Siálkot ...	12 0	9 8	9 0
Kohát ...	9 9	8 2	8 0
Bannu ...	14 8	13 2	13 2

Cotton (unginned).—Prices average 9 seers 7 chatáks as compared with 9 seers 9 chatáks in last fortnight and 9 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Umballa ...	10 0	11 0	11 0
Hoshiárpur ...	8 0	10 0	10 0
Gurdáspur ...	8 0	10 0	9 0
Gujránwála ...	10 0	10 0	10 8
Peshawar ...	9 10	8 6	8 6
Muzaffargarh...	8 0	10 0	10 0

sale salt sold.
duced.

curable.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QU

1	2	3	4	5	6	7	8	9	10	11
	WHOLESALE PRICE PER MAUND OF									
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi	2 8 0	3 10 2	3 3 2	1 13 1	1 14 6	1 14 6	2 0 0	2 13 9	4 3 4	4 7 1
Ferozepore ...	2 2 0	8 8 0	3 1 6	2 0 0	2 2 0	2 1 6	2 1 0	2 12 0	5 12 0	4 7 0
Mooltan	1 9 7	3 12 9	3 10 2	1 14 6	1 3 7	2 4 7	2 5 7	3 3 3	...	4 11 3
Lahore	...	3 5 4	3 0 3	2 0 5	2 3 8	2 2 8	2 2 8	2 10 8	5 3 11	3 12 11
Amritsar	2 8 0	4 2 9	2 15 7	...	...	...	2 0 10	2 13 0	...	...
Ráwalpindi ...	2 0 0	4 11 3	2 13 9	1 11 3	1 14 6	2 3 6	1 13 1	3 2 2	6 0 7	3 10 2

F SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 28TH FEBRUARY 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.
[illegible] 0 0	5 0 0	4 3 4	10 10 8	31 0 0	4 1 8	8 0 0	11 6 10	...	0 10 8	0 14 3	0 8 0	125	60 0 0
[illegible] 12 0	4 7 0	4 8 0	12 0 0	32 0 0	3 8 0	5 0 0	11 0 0	30 0 0	0 5 0	0 8 0	0 5 0	75	50 0 0
[illegible] 10 6	5 0 0	4 7 0	11 7 0	32 0 0	3 14 6	10 0 0	13 5 4	...	0 5 4	0 9 0	0 6 5	70	50 0 0
[illegible] 8 0	4 8 2	4 7 1	12 8 9	30 8 0	3 8 4	5 11 5	12 4 11	31 0 0	1 0 0	0 9 2	...	105	100 0 0
...	4 11 4	4 0 0	12 4 11	...	3 5 4	...	...	...	...	0 9 10	...	...	...
[illegible] 8 0	5 0 0	4 0 0	13 5 4	27 13 3	3 2 2	4 0 0	10 0 0	32 0 0	0 8 0	0 8 6	0 9 10	60	55 0 0

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RÁJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

***Abstract** of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of January 1898 as compared with the same month of the previous year.*

	STAPLES.	Total 1898.	Total 1897.	Increase.	Decrease.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
I	COAL AND COKE CARRIED FOR THE PUBLIC AND FOREIGN RAILWAYS	4,050	2,594	1,456	...	
II	COTTON, RAW—					
	(1) Full pressed	5,537	7,285	...	1,748	
	(2) Intermediate and half pressed ...	402	47	355	...	
	(3) Unpressed	1,637	1,672	...	35	
III	COTTON, MANUFACTURED—					
	(1) Twist and Yarn, European ...	369	141	228	...	
	(2) Twist and Yarn, Indian ...	1,291	786	505	...	
	(3) Piece-goods, European ...	1,259	724	535	...	
	(4) Piece-goods, Indian	917	887	30	...	
IV	DRUGS AND CHEMICALS—					
	(1) Intoxicating other than opium ...	19	8	11	...	
	(2) Non-intoxicating—					
	(a) Cinchona bark	10	...	10	...	
	(b) Others	11	43	...	32	
V	DYES AND TANS—					
	(1) Indigo	42	22	20	...	
	(2) Myrabolams	27	18	9	...	
	(3) Cutch	17	7	10	...	
	(4) Turmeric	92	123	...	31	
	(5) Aniline dyes	63	59	4	...	
	(6) Others	201	238	...	37	
VI	GRAIN AND PULSE—					
	(1) Wheat	4,540	4,347	193	...	
	(2) Rice in the husk	650	770	...	120	
	(3) Rice not in the husk	6,140	3,930	2,210	...	
	(4) Jowár and Bájra	16,543	12,033	4,510	...	
	(5) Gram and Pulse	3,904	7,442	...	3,538	
	(6) Others	15,539	17,442	...	1,903	
VII	HIDES AND SKINS—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	187	158	29	...	
	(b) Raw	345	227	118	...	
	(2) Skins of sheep, &c.—					
	(a) Dressed or tanned ...	61	11	50	...	
	(b) Raw	292	350	...	58	
VIII	HORNS	46	20	26	...	
IX	JUTE—					
	(1) Raw	168	274	...	106	
	(2) Gunny bags and cloth	1,466	1,250	216	...	
X	LAC—					
	(1) Stick	7	56	...	49	
	(2) Shell	12	8	4	...	
XI	LEATHER, MANUFACTURED	55	36	19	...	
XII	LIQUORS—					
	(1) Beer	153	162	...	9	
	(2) Spirits	1	1	...	...	
	(3) Wines	57	77	...	20	
XIII	METALS—					
	(1) Copper, unwrought	96	28	68	...	
	(2) Brass, unwrought	161	112	49	...	
	(3) Copper, wrought	25	73	...	48	
	(4) Brass, wrought	204	112	92	...	
	(5) Iron	1,950	1,824	126	...	
	(6) Others	165	155	10	...	
XIV	OILS—					
	(1) Kerosene	539	580	...	41	
	(2) Castor	30	44	...	14	
	(3) Cocoanut	26	36	...	10	
	(4) Others	159	106	53	...	

	Staples.	Total 1898.	Total 1897.	Increase.	Decrease.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
XV	Oil-seeds—					
	(1) Linseed	115	20	95	...	
	(2) Rape and Mustard	331	877	...	546	
	(3) Til or Jinjili	3,303	1,935	1,368	...	
	(4) Poppy	701	60	641	...	
	(5) Earthnuts	1	47	...	46	
	(6) Castor	146	112	34	...	
	(7) Others	4,075	3,345	730	...	
XVI	Opium	259	295	...	36	
XVII	Paper and Paste-board	317	134	183	...	
XVIII	Provisions—					
	(1) Ghi	421	501	...	80	
	(2) Dried Fruits and Nuts ...	1,141	745	396	...	
	(3) Others	4,522	2,011	2,511	...	
XIX	Railway Plant and Rolling Stock carried for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders and parts thereof	...	543	...	543	
	(2) Carriages and trucks and parts thereof	9	670	...	661	
	(3) Materials—					
	(a) Steel rails and fish-plates ...	144	2,498	...	2,354	
	(b) Sleepers and keys of steel and cast-iron	250	5,682	...	5,432	
	(c) Other sorts	1,895	4,377	...	2,482	
XX	Salt	23,463	24,346	...	883	
XXI	Saltpetre, &c.—					
	(1) Saltpetre	975	1,433	...	458	
	(2) Other saline substances ...	41	30	11	...	
XXII	Silk, Raw—					
	(1) Foreign	10	18	...	8	
	(2) Indian	...	...	...	...	
XXIII	Silk Piece-Goods—					
	(1) Foreign	1	3	...	2	
	(2) Indian	5	1	4	...	
XXIV	Spices—					
	(1) Betel nuts...	58	63	...	5	
	(2) Pepper	22	26	...	4	
	(3) Ginger	25	31	...	6	
	(4) Chillies	319	237	82	...	
	(5) Cardamoms	8	3	5	...	
	(6) Others	140	77	63	...	
XXV	Stone and Lime	1,778	2,100	...	322	
XXVI	Sugar—					
	(1) Refined or crystallized, including sugarcandy.	5,954	4,170	1,784	...	
	(2) Unrefined, *viz.*, molasses and jaggery or gur and other saccharine produce.	19,724	16,453	3,271	...	
XXVII	Tea—					
	(1) Foreign	45	18	27	...	
	(2) Indian	21	7	14	...	
XXVIII	Timber	1,731	2,558	...	827	
XXIX	Tobacco—					
	(1) Unmanufactured	996	441	555	...	
	(2) Manufactured—					
	(a) Cigars	21	28	...	7	
	(b) Other sorts	20	39	...	19	
XXX	Wool, Raw	303	145	158	...	
XXXI	Wool, Manufactured—					
	(1) Piece-goods, European ...	4	4	...	...	
	(2) Piece-goods, Indian	8	7	1	...	
	(3) Shawls	...	1	...	1	
XXXII	All other articles of merchandise—					
	(1) Firewood	1,155	1,270	...	115	
	(2) Hay and Grass	33	17	16	...	
	(3) Mowra flowers and seeds ...	329	363	...	34	
	(4) Others	18,105	10,798	7,307	...	
	Total ...	162,389	154,857	30,202	22,670	
	Net Increase ...	...	...	7,532	...	

Traffic Audit Office,
Ajmere:
The 23rd February 1898.

R. A. ENGLISH,
Chief Auditor and Accountant.

NORTH-WESTERN RAILWAY.

Abstract of Principal Commodities carried over the North-Western Railway during the month of December 1897 as compared with the same month of the previous year.

No.	Staples.	1896.	1897.	Increase in 1897.	Decrease in 1897.	Remarks.
		No.	No.	No.	No.	
1	Animals ...	1,055	8,157	7,102	...	
		Tons.	Tons.	Tons.	Tons.	
2	Coal and coke ...	5,694	5,981	287	...	
3	Cotton, raw ...	8,126	6,250	...	1,876	
4	Cotton, manufactured—					
	(1) Twist and yarn, European ...	187	154	...	33	
	(2) Twist and yarn, Indian ...	192	279	87	...	
	(3) Piece-goods, European ...	988	1,203	215	...	
	(4) Piece-goods, Indian ...	1,505	1,715	210	...	
5	Drugs and chemicals—					
	(1) Intoxicating other than opium ...	49	70	21	...	
	(2) Non-intoxicating—					
	(a) Cinchona bark ...	...	...	...	...	
	(b) Others ...	823	867	44	...	
6	Dyes and tans—					
	(1) Indigo ...	187	249	62	...	
	(2) Myrabolams ...	21	33	12	...	
	(3) Cutch ...	2	2	...	...	
	(4) Turmeric ...	99	218	119	...	
	(5) Alizarine and aniline dyes ...	44	80	36	...	
	(6) Others ...	460	612	152	...	
7	Grain and pulse—					
	(1) Wheat ...	7,981	27,269	19,288	...	
	(2) Rice in the husk ...	3,235	4,045	810	...	
	(3) Rice not in the husk ...	7,350	7,743	393	...	
	(4) Jowár and bájra ...	35,542	20,769	...	14,773	
	(5) Gram and pulse ...	6,327	13,970	7,643	...	
	(6) Others ...	1,607	3,797	2,191	...	
8	Hides and skins—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	348	224	...	124	
	(b) Raw ...	1,387	1,056	...	331	
	(2) Skins of sheep, &c.—					
	(a) Dressed or tanned ...	8	4	...	4	
	(b) Raw ...	698	766	68	...	
9	Horns ...	72	22	...	50	
10	Jute—					
	(1) Raw ...	28	...	...	28	
	(2) Gunny bags and cloth ...	2,570	2,520	...	50	
11	Lac—					
	(1) Stick ...	1	10	9	...	
	(2) Shell ...	31	21	...	10	
12	Leather, manufactured ...	150	209	59	...	
13	Liquors—					
	(1) Beer ...	951	668	...	283	
	(2) Spirits ...	67	178	111	...	
	(3) Wines ...	290	300	10	...	

No.	Staples.	1896.	1897.	Increase in 1897.	Decrease in 1897.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
14	Metals—					
	(1) Copper, unwrought ...	32	33	1	...	
	(2) Brass, unwrought ...	33	51	18	...	
	(3) Copper, wrought ...	59	65	6	...	
	(4) Brass, wrought ...	130	123	...	7	
	(5) Iron ...	3,753	3,327	...	426	
	(6) Others ...	880	366	...	514	
15	Oils—					
	(1) Kerosine ...	1,848	2,088	240	...	
	(2) Castor ...	115	29	...	86	
	(3) Cocoanut oil ...	22	30	8	...	
	(4) Others ...	587	553	...	34	
16	Oil-seeds—					
	(1) Linseed ...	109	184	75	...	
	(2) Rape and mustard ...	377	966	589	...	
	(3) Til or jinjili ...	7,344	6,425	...	919	
	(4) Poppy ...	30	29	...	1	
	(5) Earthnut ...	7	9	2	...	
	(6) Castor ...	...	3	3	...	
	(7) Cotton seeds ...	6,605	6,405	...	200	
	(8) Others ...	563	700	137	...	
17	Opium ...	10	5	...	5	
18	Paper and paste-boards ...	217	175	...	42	
19	Provisions—					
	(1) Ghi ...	997	1,336	339	...	
	(2) Dried fruits ...	3,514	3,792	278	...	
	(3) Atta ...	2,626	4,346	1,720	...	
	(4) Others ...	2,093	3,415	1,322	...	
20	Railway Materials for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders ...	...	...	...	...	
	(2) Carriages and Trucks ...	...	...	...	...	
	(3) Materials for construction—					
	(a) Wooden sleepers ...	3,730	941	...	2,789	
	(b) Other sorts ...	2,010	2,343	333	...	
21	Salt ...	9,488	9,842	354	...	
22	Saltpetre, &c.—					
	(1) Saltpetre ...	298	273	...	25	
	(2) Other saline substances ...	485	402	...	83	
23	Silk, raw—					
	(1) Foreign ...	29	11	...	18	
	(2) Indian ...	2	5	3	...	
24	Silk piece-goods—					
	(1) Foreign ...	1	1	...	...	
	(2) Indian ...	5	7	2	...	
25	Spices—					
	(1) Betelnuts ...	54	48	...	6	
	(2) Pepper ...	50	67	17	...	
	(3) Ginger ...	292	301	9	...	
	(4) Chillies ...	630	636	6	...	
	(5) Cardamums ...	20	27	7	...	
	(6) Others ...	235	256	21	...	
26	Stone and lime ...	7,525	9,077	1,552	...	
27	Sugar—					
	(1) Refined ...	3,794	4,674	880	...	
	(2) Unrefined ...	20,524	19,403	...	1,121	

No.	Staples.	1896.	1897.	Increase in 1897.	Decrease in 1897.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
28	Tea—					
	(1) Foreign ...	39	76	37	...	
	(2) Indian ...	388	342	...	46	
29	Timber ...	7,405	3,550	...	3,855	
30	Tobacco—					
	(1) Unmanufactured ...	1,106	807	...	299	
	(2) Manufactured—					
	(a) Cigars ...	18	17	...	1	
	(b) Others ...	95	198	103	...	
31	Wool, raw ...	2,007	2,173	166	...	
32	Wool, manufactured—					
	(1) Piece-goods, European ...	35	59	24	...	
	(2) Piece-goods, Indian ...	210	248	38	...	
	(3) Shawls ...	...	...	...	...	
33	All other articles of merchandise—					
	(1) Firewood ...	8,072	10,679	2,607	...	
	(2) Manures ...	2,436	3,246	810	...	
	(3) Fodder ...	6,132	8,048	1,916	...	
	(4) Lucifer matches ...	83	169	86	...	
	(5) Others ...	4,938	9,636	4,698	...	
		No.	No.	No.	No.	
	Total ... Animals ...	1,055	8,157	7,102	...	
		Tons.	Tons.	Tons.	Tons.	
	Total ... Goods ...	201,106	223,301	22,195	...	

LAHORE:
The 18*th February* 1898.

J. SHAW,
for *Examiner of Accounts, North-Western Railway.*

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for the week ending 5th February 1898, on 160·47 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	16,722	13.926 7 0	91,686 10	18,113 2 0	67 0 0	32,106 9 0	7,713	3,324	11,037
Or per mile of Railway	...	86 12 6	...	112 14 0	0 6 9	200 1 3	...	...	...
For previous $6\frac{1}{7}$ weeks of half-year	*208,972	*1,56,674 13 0	†5,72,647 10	†90,672 10 0	446 0 0	2,47,793 7 0	49,854	25,602	75,456
Total for $7\frac{1}{7}$ weeks ...	225,694	1,70,601 4 0	6,64,333 20	1,08,785 12 0	513 0 0	2,79,900 0 0	57,567	28,926	86,493
Comparison.									
Total for corresponding week of previous year ...	16,615½	13,035 15 6	1,16,516 0	11,871 7 0	50 2 6	24,957 9 0	6,670	3,880	10,550
Per mile of Railway corresponding week of previous year.	...	81 3 9	...	73 15 8	0 5 0	155 8 5	...	...	...
Total for corresponding $7\frac{2}{7}$ weeks of previous year ...	113,550½	84,841 11 7	578,069 0	70,227 5 0	417 5 9	1,55,486 6 4	48,023	25,511	73,534

* Added No. of passengers 120 and Rs. 340 } On account of difference between the Approximate and Audited figures
† Do. Mds. 2,536 and ,, 539 } for the first 8 days of January 1898.

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 23rd February 1898.

T. BASHFORD,
Acting Chief Auditor.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ending 26th February 1898 on 160·47 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic Train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs A. P.			
Total traffic for the week	15,553	13,476 1 0	125,772 30	22,605 3 0	67 0 0	36,148 4 0	6,927	4,936	11,863
Or per mile of Railway	...	83 15 8	...	140 13 11	0 6 8	225 4 3	...	...	...
For previous 7 1/7 weeks of half-year	*226,513	*1,71,343 4 0	†681,960 20	†1,09,303 12 0	‡507 0 0	2,81,154 0 0	57,567	28,926	86,493
Total for 8 1/7 weeks ...	342,066	1,84,819 5 0	807,733 10	1,31,908 15 0	574 0 0	3,17,302 4 0	64,494	33,862	98,356
COMPARISON.									
Total for corresponding week of previous year ...	16,943	13,997 13 1	177,009 0	15,493 0 0	67 10 6	29,558 7 7	6,999	4,262	11,261
Per mile of Railway corresponding week of previous year	...	87 3 8	...	96 8 9	0 6 9	184 3 2	...	...	...
Total for corresponding 8 2/7 weeks of previous year ...	130,493½	98,839 8 8	755,078 0	85,720 5 0	485 0 3	1,85,044 13 11	55,022	29,773	84,795

* Added No. of passengers 819 and Rs. 742 }
† Do. Mds. 17,617 and „ 518 } On account of difference between the Approximate and Audited figures for the week ended 15th January 1898.
‡ Deducted „ 6 }

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 2nd March 1898.

. BASHFORD,
Acting Chief Auditor.

No. 11 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MARCH 17, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 15th MARCH 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 12 seers ... Gram 14 seers. Barley 23 seers.	Rapeseed crop being harvested. Gram crop damaged by strong winds. Prospects fair. Canal crops in good condition.	...
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Wheat 12½ seers. Gram 16 seers. Bájra 20 seers.	Crops in good condition. Prospects average.	...
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 15 to 16 seers. Gram 14½ to 15 seers. Maize 25¾ seers.	Crops in good condition ...	...
4	Jullundur ...	...	1. Sufficient ... 2. Good.	Wheat 15½ seers. Gram 16 seers. Maize 24 seers.	Condition of standing crops good. Extra rabi ploughings in progress.	...
5	Feroz[illegible]re ...	...	1. Sufficient ...	Wheat 15 seers ... Gram 16 seers. Maize 20 seers. Jowár 20 seers. Barley 20 seers.	Gram and barley crops somewhat damaged by dust-storm in parts.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
6	Mooltan ...	...	1. Sufficient ...	Wheat, 2nd quality, $12\frac{1}{4}$ seers.	Crops in good condition ...	...
7	Lahore ...	...	1. Sufficient ... 2. Good.	Wheat $12\frac{1}{4}$ to $13\frac{3}{4}$ seers. Maize $18\frac{1}{2}$ to $19\frac{1}{2}$ seers.	loughings for extra spring crops going on. Prospects of spring crops good.	Ploughings for autumn crops commenced.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat $15\frac{1}{2}$ seers ... Maize $21\frac{1}{2}$ seers.	Crops in good condition ...	Sowings of sugar-cane and ploughings for cotton commenced.
9	Siálkot ...	...	1. Green fodder procurable. 2. Good.	Wheat 14 to 15 seers. Rice 10 to 11 seers.	Crops promise well ...	Ploughings going on.
10	Shahpur ...	...	1. Sufficient ... 2. Good.	Wheat 15 to 17 seers. Bájra 18 to 21 seers.	Crops in good condition. Locusts appeared and laid eggs in parts which are being destroyed.	...
11	Ráwalpindi ...	0·16 at Ráwalpindi 0·16 in Pindigheb. 0·21 in Fatehjang. 0·31 in Attock. 0·14 in Kahúta. 0·72 in Murree.	1. Sufficient ... 2. Good.	Wheat 16 seers ... Bájra 19 seers. Maize 23 seers.	Prospects excellent. Stock of food-grain sufficient.	...
12	Peshâwar ...	0·61	1. Sufficient ... 2. Good.	Wheat $13\frac{13}{16}$ seers. Maize $23\frac{3}{16}$ seers.	Recent rain benefited the standing crops. Condition good. Stock of food-grain sufficient.	...
13	D. I. Khan ...	...	1. Sufficient ... 2. Good.	Wheat 15 seers ... Bájra $22\frac{1}{2}$ seers.	Condition of crops good. Harvesting of rape-seed, &c., in progress. Sowings of extra rabi crops going on.	...

GENERAL REMARKS.

Rainfall.—Slight rain has fallen in the Dera Ismail Khan and Peshâwar Districts.

Prices.—Prices are unchanged in Hissar, Jullundur, Ferozepore, Lahore and Siálkot, falling elsewhere.

Wheat is selling from 12 to 17 seers, gram 14 to 16, barley 20 to 23, bulrush millet 18 to $22\frac{1}{2}$, maize 18 to $25\frac{1}{4}$, great millet 20 and rice 10 to 11 seers per rupee.

Agricultural operations.—Harvesting of rapeseed crop in progress. Sowings of extra spring crops and ploughings for autumn crops commenced. Sugarcane is being sown in Amritsar.

Crops and outturn.—Prospects and condition of standing crops are generally reported good. Recent rain has benefited the standing crops in Ráwalpindi and Peshâwar.

Damage done to crops.—Gram and barley crops have been damaged to some extent by high winds in parts of Hissar and Ferozepore. Locusts appeared and laid eggs in parts of Shahpur; the eggs are being destroyed.

Agricultural stock.—Cattle generally in good condition.

Pasturage.—Fodder sufficient in all districts. Green fodder procurable in Siálkot.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, [illegible]

AGRICULTURAL PROSPECT REPORT OF THE DISTRICT OF SIMLA FOR THE MONTH OF JANUARY 1898.

Please substitute this for the one published in the Gazette of 17th February 1898.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st January.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st January 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Simla.	Kasauli ...	3·87	...	2·16	0·60	1·04	...	1·04	The condition of standing crops is average, and rain is wanted. Health of people good.
	Bharauli ...	4·05	...	2·56	0·64	1·31	...	1·31	
	Simla ...	3·80	...	1·50	0·79	1·53	...	1·53	
	Kotkhai ...	4·23	...	2·02	0·58	0·58	...	0·58	
	Kotgarh ...	4·51	...	2·18	1·40	2·05	...	2·05	
	Kilba ...	10·01	...	5·61	0·61	1·45	...	1·45	

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1898.

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 28th February.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 28th February 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Hissar.	Sirsa ...	1·64	...	0·30	1·19	1·39	...	1·39	Rainfall of the month has been of great value to wheat and barley crops. Crops on baráni land in fair condition. Strong wind and cold damaged the gram crop to some extent. Prospects of canal crops good. Fodder sufficient. General health of the district good.
	Fatahabad ...	1·83	...	0·45	1·14	1·14	...	1·14	
	Hissar ...	1·76	...	0·36	1·48	1·75	...	1·75	
	Hánsi ...	1·59	...	0·35	0·63	1·14	...	1·14	
	Bhiwáni ...	1·27	...	0·24	0·98	1·51	...	1·51	
	Budhláda ...	...	...	...	1·47	1·94	...	1·94	
	Tohána ...	...	...	...	2·10	2·29	...	2·29	
Jind State.	Dhaneta (*c*) ...	...	...	...	1·29	1·29	...	1·29	
	Safidon (*c*) ...	...	...	...	2·00	2·50	...	2·50	
	Jind (*c*) ...	...	...	...	1·00	1·00	...	1·00	
Bikaner State.	Channi (*c*) ...	...	...	...	1·10	1·80	...	1·80	
Rohtak.	Rohtak ...	1·66	...	0·32	1·40	1·40	...	1·40	Prospects of irrigated lands are good. Crops on unirrigated land have been benefited by the rain which fell during the month under report. Health [illegible] people good. Fodder plentiful. Old [illegible]cks of grain have almost run out. Prices of food-grains are as follows :— Wheat ... 12 seers per rupee. Gram ... 16 " " Jowár ... 21 " " Bájra ... 21 " "
	Gohána ...	1·89	...	0·37	1·55	1·55	...	1·55	
	Sámpla ...	1·57	...	0·28	2·02	2·02	...	2·02	
	Jhajjar ...	1·45	...	0·28	1·48	1·48	...	1·48	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1898—(CONTINUED).

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 28th February.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 28th February 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
GURGAON.	Farukhnagar ...	...	...	...	1·65	1·65	...	1·65	Want of rain was badly felt throughout the district till after the 9th February 1898, when excellent and well-distributed rain fell all over the district and greatly benefited the standing crops. The rabi prospects are promising. Ploughings for the kharíf are in progress. General health good. Prices falling, and stand as below :— Wheat ... 12 seers per rupee. Barley ... 19 " " Jowár ... 20 " " Bájra ... 23 " " Gram ... 12 " "
	Játusána ...	...	...	...	0·50	0·50	...	0·50	
	Rewári ...	1·32	...	0·22	1·81	1·81	...	1·81	
	Shahjahánpur ...	...	...	...	0·76	1·56	...	1·56	
	Tauru ...	...	...	...	2·83	3·17	...	3·17	
	Núh ...	1·35	...	0·31	2·37	2·37	...	2·37	
	Fírozpur ...	0·89	...	0·13	2·30	2·30	...	2·30	
	Hodal ...	...	...	...	2·55	2·55	...	2·55	
	Hattín ...	...	...	...	2·97	3·29	...	3·29	
	Palwal ...	1·68	...	0·38	3·53	3·53	...	3·53	
	Sohna ...	...	...	...	2·30	2·30	...	2·30	
	Gurgaon ...	1·99	...	0·31	2·11	2·11	...	2·11	
	Punahána ...	...	...	...	2·92	2·92	...	2·92	
DELHI.	Ballabgarh ...	1·55	...	0·36	2·87	2·87	...	2·87	Good rain all over the district during the month, which has saved the spring crops. Prospects of outturn average. Health of people good. Fodder sufficient. Prices falling. Stock of food-grain sufficient.
	Mahrauli ...	...	...	...	2·45	2·45	...	2·45	
	Sadr (Delhi) ...	2·36	...	0·34	2·86	2·86	...	2·86	
	Sonepat ...	1·83	...	0·37	2·10	2·30	...	2·30	
KARNAL.	Pánipat ...	1·90	...	0·56	3·07	3·10	...	3·10	The rain that fell in the second week of the month, though very late, was most beneficial to the crops, especially those which were late sown; but at least half the gram had already perished. Prices have improved a little owing to the rainfall; wheat now sells at 12 seers, gram 14, bájra 19 and maize 21. Fodder available Health of people good.
	Karnal ...	3·08	...	0·89	5·94	5·94	...	5·94	
	Rajaund ...	?	...	?	1·52	1·52	...	1·52	
	Kaithal ...	1·87	...	0·48	2·14	2·19	...	2·19	
	Gulah ...	?	...	?	3·52	3·62	...	3·62	
UMBALLA.	Pipli ...	3·83	...	0·96	6·77	6·81	...	6·81	Rain during February did much good to the rabi crops, which are now in good condition, gram crops in low-lying lands, however, suffered a little owing to too much rain. No more rain is required at present. Melons are being sown and land is being prepared for sugarcane sowing. Health of people generally speaking good. Dry fodder sufficient, green getting scarce.
	Jagádhri ...	4·56	...	0·23	5·77	6·00	...	6·00	
	Umballa ...	3·20	...	1·05	9·19	9·44	...	9·44	
	Naráingarh ...	4·13	...	1·19	5·48	5·63	...	5·63	
	Kharar ...	4·02	...	1·05	7·15	7·51	...	7·51	
	Rúpar ...	4·23	...	1·36	7·20	7·84	...	7·84	
	Dádupur (*c*) ...	...	...	...	6·10	6·50	...	6·50	
PATIALA STATE.	K[illegible]a (*c*) ...	...	...	...	1·07	1·07	...	1·07	Prices— Wheat ... 12 to 13 seers per rupee. Gram ... 12 to 13 " " Maize ... 21½ " "
	J[illegible]pur (*c*) ...	...	...	...	1·44	1·62	...	1·62	
	Ràniki (*c*) ...	...	...	...	3·30	3·55	...	3·55	
	Lehal (*c*) ...	...	...	...	2·36	2·49	...	2·49	
	Gujran (*c*) ...	...	...	...	2·80	3·00	...	3·00	
	Barthála (*c*) ...	...	...	...	3·55	4·18	...	4·18	
NABHA STATE.	Dadahur (*c*) ...	...	...	...	3·50	4·00	...	4·00	
	Bundher (*c*) ...	...	...	...	2·16	2·16	...	2·16	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1898—(CONTINUED).

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 28th February.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 28th February 1898.	1st April 1898 to 30th Septr. 1898.	Total.	Condition of crops and cattle, and health of people.
SIMLA.	Kasauli ...	5·65	...	1·78	5·21	6·25	...	6·25	The rain during the month has saved the rabi crops. Health of people good.
	Bharauli ...	6·27	...	2·22	4·45	5·76	...	5·76	
	Simla ...	5·28	...	1·48	5·20	6·73	...	6·73	
	Kot Khái ...	7·02	...	2·79	4·54	5·12	...	5·12	
	Kotgarh ...	7·27	...	2·76	3·62	5·67	...	5·67	
	Kilba ...	...	...	...	...	...	...	...	Statement not received.
KANGRA.	Plách ...	8·30	...	2·33	3·93	8·10	...	8·10	The rainfall during the month was general all over the district, and has done much good to the crops, particularly to those on unirrigated areas. During the months all unirrigated lands which had been left unsown have been prepared for the kharif sowings. The health of the public continues good.
	Kulu ...	12·85	...	4·51	5·93	10·26	...	10·26	
	Nagar ...	7·71	...	4·24	5·60	10·09	...	10·09	
	Pálampur ...	13·60	...	4·96	5·54	8·03	...	8·03	
	Hamírpur ...	7·17	...	2·32	6·02	6·02	...	6·92	
	Dera ...	7·09	...	2·90	4·48	5·02	...	5·02	
	Kángra ...	7·20	...	2·52	5·08	6·10	...	6·10	
	Dharmsala ...	11·83	...	4·18	9·29	11·46	...	11·46	
	Núrpur ...	9·89	...	3·58	4·84	5·56	...	5·56	
HOSHIARPUR.	Dasúya ...	4·09	...	1·22	5·81	6·38	...	6·38	The crops have benefited much from the rainfall during the month. The condition of the crops in the district generally good. Land is being prepared for sugarcane, cotton and kharbúzas. Supplies of food-grains and fodder are sufficient. Grain and fodder are being exported from Dasúya to Jullundur. Some damage has been caused by hail to crops in seven villages in Tahsíl Dasúya. The health of the people is good.
	Una ...	4·26	...	1·42	6·04	6·61	...	6·61	
	Garhshankar ...	4·33	...	1·23	7·30	7·78	...	7·78	
	Sadr Station ...	4·68	...	1·46	5·66	6·17	...	6·17	
	Hoshiárpur ...	...	...	...	5·50	6·09	...	6·09	
JULLUNDUR.	Jullundur ...	3·38	...	1·17	3·65	4·19	...	4·19	The condition of standing crops is good. Health of people good.
	Nakodar ...	2·44	...	0·88	4·98	5·64	...	5·64	
	Phillour ...	2·93	...	0·93	4·45	4·88	...	4·88	
	Nawashahr ...	3·73	...	1·18	6·18	6·71	...	6·71	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1898—(CONTINUED).

Explanation :— (*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 28th February.	1st April to 30th September.	For month under report.	Month under report	1st October 1897 to 28th February 1898.	1st April 1898 to 30th Septr. 1898.	Total.	Condition of crops and cattle, and health of people.
Ludhiana.	Samrála ...	2.82	...	0.69	4.17	4.65	...	4.65	The rainfall shown in this return has done much good to the standing rabi crops, as well as to the land which is now being prepared for sowing extra rabi and cotton crops. Health of people is good. The prices have fallen. Fodder and grain stocks are sufficient throughout the district.
	Ludhiána ...	3.13	...	0.92	3.59	4.16	...	4.16	
	Jagraon ...	2.13	...	0.72	4.08	4.82	...	4.82	
Ferozepore.	Moga ...	1.82	...	0.61	4.05	4.92	...	4.92	Good rain fell all over the district during the 2nd and 3rd weeks of the month, which has been beneficial to the standing rabi crops. Some damage was reported to be done to the crops by caterpillar in the Fázilka Tahsíl, but it was only in the first week. Stocks of food-grain and fodder sufficient. Health of people good. The average prices of the food-grains during the month were as follows :— Wheat ... 13 seers per rupee. Gram ... 13 " " Barley ... 19 " " Jowár ... 20 " " Maize ... 20 " "
	Zíra ...	1.85	...	0.59	4.21	5.22	...	5.22	
	Ferozepore Sadr ...	1.90	...	0.69	3.66	4.79	...	4.79	
	Ferozepore City ...	...	...	...	4.81	5.80	...	5.80	
	Muktsar ...	0.90	...	0.28	1.81	2.83	...	2.83	
	Fázilka ...	...	...	...	1.60	2.13	...	2.13	
	Nathána ...	...	...	...	1.75	2.46	...	2.46	
	Jalálabad ...	...	...	...	1.21	1.90	...	1.90	
	Gobindgarh (*c*) ...	...	...	...	0.09	1.40	...	1.40	
	Phidda (*c*) ...	...	...	...	2.00	2.00	...	2.00	
Mooltan.	Mailsi ...	0.65	...	0.29	1.29	2.18	...	2.18	Condition of rabi crops good. Health of people good. Stock of food-grain and fodder sufficient. Prices high. Common staple food-grain, second quality, 11 seers.
	Lodhrán ...	0.82	...	0.28	1.71	2.54	...	2.54	
	Shujabad ...	0.64	...	0.24	1.50	2.04	...	2.04	
	Mooltan ...	0.70	...	0.18	1.25	1.88	...	1.88	
	Kabirwála ...	0.71	...	0.25	0.97	1.75	...	1.75	
Jhang.	Shorkot ...	1.03	...	0.42	1.58	2.27	...	2.27	Rabi crops generally good. Oilseed crops were attacked by tela ; the latter has been swept away by the recent rains. Hailstones did damage to five villages in the Chenab Colony. Locust appeared, but did no damage. Health of people generally good. Canals flowing. Slight inundations in the Chenab and Jhelum rivers.
	Jhang ...	0.99	...	0.33	1.17	2.20	...	2.20	
	Chiniot ...	1.37	...	0.56	2.33	3.54	...	3.54	
	Badwáli (*c*) ...	...	...	...	2.2	2.90	...	2.90	
	Ta[illegible]an (*c*) ...	...	...	...	1.4	2.35	...	2.35	
	Muridwála (*c*) ...	...	...	...	2.29	3.29	...	3.29	
	Khewra (*c*) ...	...	...	...	1.70	2.70	...	2.70	
	Lalkani (*c*) ...	...	...	...	1.80	2.60	...	2.60	
	Lyallpur (*c*) ...	...	...	...	2.1	3.50	...	3.50	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1898—(CONTINUED).

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 28th February.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 28th February 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and healt[h of] people.
Montgomery.	Gugera ...	1·18	...	0·55	1·66	3·02	...	3·02	Condition of rabi crops fairly good. [...] rain benefited the standing crops t[o a] great extent. Ploughing and cultiva[tion] of extra rabi commenced. In some villa[ges] locusts appeared and hail fell, but [no] damage worth mention was done by eith[er.] Health good. Food-grain supply suffi[ci]ent.
	Montgomery ...	1·21	...	0·61	0·86	1·61	...	1·61	
	Pákpattan ...	0·89	...	0·31	0·58	0·87	...	0·87	
	Dipálpur ...	1·22	...	0·49	1·75	2·89	...	2·89	
	Sandyanwala (*C*) ...	Guage	not	yet erec	ted.				
Lahore.	Van (*C*) ...	2·37	...	0·72	3·35	4·70	...	4·70	The late rains have much benefited the ra[bi] crops, which are in good condition. [A] flight of locusts passed over the Kas[úr] Tahsíl without doing any damage. The[re] was a fall of hail in four villages of Kas[úr] which damaged the crops considerably.
	Chunián ...	1·30	...	0·28	2·89	4·17	...	4·17	
	Kasúr ...	1·30	...	0·30	3·32	4·81	...	4·81	
	Pambe (*C*) ...	2·06	...	0·72	3·55	4·90	...	4·90	
	Sharakpur ...	1·41	...	0·43	2·31	4·04	...	4·04	
	Niáz Beg (*C*) ...	3·12	...	1·02	2·40	3·88	...	3·88	
	Lahore ...	2·42	...	0·88	4·32	5·62	...	5·62	
	Meean Meer (*C*) ...	3·73	...	1·28	4·35	5·80	...	5·80	
	Manihála (*C*) ...	2·08	...	0·63	3·72	4·05	...	4·05	
	Dafthu (*C*) ...	...	...	...	2·80	3·30	...	3·30	
	Nijábat (*C*) ...	...	...	...	1·38	2·24	...	2·24	
Amritsar.	Buchar (*C*) ...	2·01	...	1·10	4·82	5·93	...	5·93	The recent rains have been sufficient an[d] beneficial to the standing crops, which ar[e] in flourishing condition. Fodder will no[w] be sufficient in the district. Sugarcane pressing is going on. Stock of food-gra[in] is sufficient. Health of people goo[d.] Prices continue high:— Wheat ... ... 14 seers per rupee. Gram ... ... 14½ " " Barley ... ... 20 " " Maize ... ... 19½ " " Jowár ... ... 19 " "
	Khara (*C*) ...	1·47	...	0·50	5·06	5·48	...	5·48	
	Tarn Táran ...	2·76	...	0·97	4·79	5·42	...	5·42	
	Raya (*C*) ...	3·34	...	1·11	4·08	4·44	...	4·44	
	Jail Hospital ...	3·68	...	1·41	4·70	5·54	...	5·54	
	Amritsar (*C*) ...	...	...	...	5·60	6·40	...	6·40	
	Buggeh (*C*) ...	3·33	...	1·38	7·65	8·10	...	8·10	
	Ajnála ...	2·60	...	0·90	5·35	6·13	...	6·13	
Gurdaspur.	Aliwál (*C*) ...	3·02	...	0·03	3·81	4·58	...	4·58	The condition of the standing crops is good. The rain we had during the month has been very beneficial. Rain is required soon for the Bharrári Circle of Shakargarh and the Hill Circle of Pathánkot. Health of people good.
	Batála ...	4·22	...	1·35	3·61	4·33	...	4·33	
	Tibri (*C*) ...	4·56	...	1·42	5·45	6·20	...	6·20	
	Gurdaspur ...	4·00	...	1·32	6·48	7·35	...	7·35	
	Pathánkot ...	6·18	...	2·19	6·00	6·91	...	6·91	
	Dalhousie ...	9·39	...	3·52	10·77	13·24	...	13·24	
	Mádhopur (*C*) ...	8·87	...	2·86	5·65	6·40	...	6·40	
	Shakargarh ...	5·17	...	2·00	5·10	6·04	...	6·04	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1898—(CONTINUED).

Explanation:—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
DISTRICT	Rain-gauge Station.	1st October to 28th February.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 28th February 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
SIALKOT.	Zafarwál ...	4·30	...	1·66	4·41	5·22	...	5·22	There has been good rain during the month and well distributed, which was very beneficial to the crops. In some low lands owing to water-lodging some crops have been damaged, but otherwise condition satisfactory. Ploughings for kharíf crops is going on. Green fodder is procurable. Prices have fallen. Baniás are selling their stocks freely. Wheat is sold at Rs. 2-12 0 per maund. Health of people good.
	Pasrúr ...	4·46	...	1·61	4·98	5·56	...	5·56	
	Raya ...	3·09	...	1·04	5·73	6·19	...	6·19	
	Daska ..	3·85	...	1·51	5·86	6·76	...	6·76	
	Siálkot ...	4·49	...	1·79	4·91	5·89	...	5·89	
GUJRAT.	Gujrat (Sadr) ...	4·40	...	1·40	4·93	6·13	...	6·13	Good rains fell during the month throughout the district. Prospects of the rabi crops sown are favourable The fall of rain has proved useful for the sowings of the extra rabi crops. The condition of the rabi crops is average. Locusts reported to have appeared in some parts of Tahsíls Khárián and Phália, but did no damage. Slight hail fell in some parts of the district with the rains of February. Damage was also caused by it in some tracts of Tahsíl Gujrát. Fodder procurable. Prices falling Stock of grain can be had in important towns of the district.
	Khárián (Lála Musa)	4·71	...	1·52	4·03	5·85	...	5·85	
	Phália ...	3·48	...	1·25	2·54	4·54	...	4·54	
GUJRANWALA.	Rámnagar ...	1·85	...	0·33	3·45	5·84	...	5·84	Condition of crops good. The recent rains have greatly benefited the standing crops. Health of people generally good. Fodder sufficient, except in Gujránwála Tahsíl. Stock of food-grain is also sufficient. Damage to a certain extent has been done to crops in the Háfizabad, Khángáh and Gujránwála Tahsíls by hail stones.
	Wazírabad ...	3·50	...	1·02	5·09	5·86	...	5·86	
	Sadr Kacheri (Gujranwala).	3·64	...	1·27	3·95	4·68	...	4·68	
	Shekhupura ...	1·60	...	0·27	4·17	5·47	...	5·47	
	Háfizabad ...	2·93	...	1·13	5·21	6·86	...	6·85	
	Khángah Dogran ...		...	...	5·40	6·76	...	6·76	
	Jalálpur (*C*) ...	Guage	not	yet erected.					
	Pacca Dalla (*C*) ...	...	...	...	3·00	4·10	...	4·10	
	Firoz (*C*) ...	...	...	...	14·40	15·60	...	15·60	
SHAHPUR.	Midn ...	3·46	...	0·46	3·65	4·00	...	4·00	Crops very promising owing to the general rain. Slight local damage by hail, and locusts have appeared in some villages on the Chenab; little harm done. Fodder plentiful. Health good. Wheat ... ... 14 and 15 seers. Barley ... ... 21 ,, Gram ... ... 13½ ,, Bájra ... ... 20 ,, Jowár ... ... 21 ,,
	Sáhiwál ...	1·98	...	0·46	1·50	2·50	...	2·50	
	Núrpur ...	1·[illegible]6	...	0·48	1·73	2·65	...	2·65	
	Mitha Tiwána ...	2·[illegible]6	...	0·70	0·75	1·25	...	1·25	
	Sakesar ...	0·59	...	0·18	6·[illegible]9	9·73	...	9·73	
	Naushahra ...	2·98	...	0·50	3·39	4·51	...	4·51	
	Khusháb ...	1·89	...	0·77	1·74	3·49	...	3·[illegible]9	
	Shahpur ...	2·73	...	1·21	2·10	3·85	...	3·85	
	Bhera ...	2·55	...	0·86	3·33	4·92	...	4·92	
	Miáni ...	3·06	...	0·[illegible]6	2·96	4·20	...	4·20	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1898—CONTINUED.

Explanation :—(*c*)=Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
DISTRICT	Rain-gauge Station.	1st October to 28th February.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 28th February 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and heal[th] of people.
JHELUM.	Pind Dádan Khan ...	3·52		1·05	3·47	5·25	...	5·25	The rabi crops are flourishing. extra crops are being sown, and all the a[r]able land is being ploughed up for fur[ther] sowing. Rain was accompanied with [h]... which did slight damage in Tahsíls [Pind] Dádan Khan and Jhelum. Locusts vis[ited] Tahsíl Pind Dádan Khan and Jhelum, [but] did no damage to crops. They laid e[ggs] in village Vahula, Tahsíl Pind Dá[dan] Khan, but before being hatched were destroyed. Stock of grain sufficient [and] prices are falling. Fodder plenti[ful]. Health of people good. No damage [was] done to crops on low lands by inundatio[n].
	Jhelum (Sadr) ...	4·16	...	0·06	3·84	7·13	...	7·13	
	Chakwál ...	3·05	...	0·98	3·70	5·74	...	5·74	
	Talagang ...	3·54	...	1·25	2·38	3·91	...	3·91	
RAWALPINDI.	Pindigheb ...	3·56	...	0·99	3·27	5·12	...	5·12	Condition of crop excellent. Health [of] people good.
	Fatahjang ...	5·29	...	1·35	3·85	6·43	...	6·43	
	Attock ...	4·81	...	1·10	3·94	6·43	...	6·43	
	Rawalpindi ...	6·77	...	2·11	3·04	6·06	...	6·06	
	Gujar Khan ...	5·00	...	1·15	3·58	5·91	...	5·91	
	Kahúta ...	6·80	...	1·61	3·13	5·50	...	5·50	
	Murree ...	5·64	...	1·38	6·80	10·09	...	10·09	
HAZARA.	Abbott-abad ...	10·55	...	4·12	5·71	9·73	...	9·73	Standing crops flourishing. Ploughings [for] kharíf crops commenced on higher range[s]. Health of people good Fodder and grai[n] stocks sufficient. Prices high, rising. Water in irrigation channels ample.
	Mánsahra ...	9·72	...	2·93	3·99	7·75	...	7·75	
	Haripur ...	7·57	...	2·42	3·39	5·29	...	5·29	
PESHAWAR.	Swábi ...	4·72	...	1·19	3·42	5·85	...	5·85	Sowings of extra rabi crops, tobacco, &c., com[menced] during the month. The late rai[ns] have proved very beneficial to the stand[]ing rabi crops. The condition of stand[]ing crops both on irrigated and unirrigat[ed] lands is good. Sugarcane is still bei[ng] pressed in some parts of the Pesháw[ar] Tahsíl, and gur is being manufactured[;] outturn average. Stock of food-grain[s] and fodder sufficient. Prices of food grains are gradually falling. The price[s] of the following articles i[n the] Pesháw[ar] City on the last day of the m[onth] were:— Wheat $12\frac{11}{16}$, maize $22\frac{12}{16}$ seers per rupe[e]. Health of people good. Owing to rai[n]fall the Swat River Canal was close[d] for a few days. There was sufficie[nt] water in the other canals of the district.
	Lahore (Utman Bolak)	4·97	...	1·38	2·71	4·86	...	4·86	
	Nowshera ...	4·58		1·35	4·25	6·23	...	6·23	
	Mardán ...	4·54	...	1·40	3·47	5·84	...	5·84	
	Katlang ...	4·08	...	1·08	1·74	1·99	...	1·99	
	Hashtnagar Chársada	3·75	...	1·11	2·45	3·81	...	3·81	
	Nabakki ...	3·90	...	1·21	2·65	4·08	...	4·08	
	Peshawar ...	3·71	...	1·00	2·31	3·66	...	3·66	
	Abazai (*c*) ...	...	...	...	2·25	3·15	...	3·15	
	Khán Máhi (*c*) ...	...	...	...	1·50	2·35	...	2·35	
	Pára Chinár (Kurram)	...	...	...	1·94	3·63	...	3·63	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1898—(CONTINUED).

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 28th February.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 28th February 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
KOHAT.	Kohát ...	4·28	...	1·25	3·15	4·38	...	4·38	Good rain fell during the month and the fall extended all over the district. There is plenty of water in the Toi and springs. The standing crops, both on irrigated and unirrigated lands, are reported to be in very good condition. Health of the people is good. Fodder for cattle is sufficient. Stocks of food-grain are sufficient. The prices have fallen considerably and still continue to fall.
	Hangu ...	...	...	...	3·28	4·05	...	4·05	
	Thal ...	...	...	...	4·00	5·14	...	5·14	
	Banda Daud Shah ...	...	...	...	3·11	3·75	...	3·75	
	Khushálgarh ...	...	...	...	...	...	...	...	
BANNU.	Miánwáli ...	1·91	...	0·45	3·46	4·16	...	4·16	The condition of standing rabi crops is good throughout the district. Stocks of food-grain sufficient to last till next harvest. Fodder sufficient everywhere. Prices are falling in two villages of Isa Khel Tahsíl. Slight fall of hail in some villages of all tahsíls, but no damage has been caused. No locusts. Water sufficient in the Kurram and Gambila.
	Isa Khel ...	2·35	...	0·91	3·74	4·31	...	4·31	
	Bannu ...	1·97	...	0·68	2·40	3·29	...	3·29	
	Marwat ...	1·85	...	0·32	2·75	3·00	...	3·00	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF FEBRUARY 1898—(CONCLUDED).

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			Rainfall of present year.				
District	Rain-gauge Station.	1st October to 28th February.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 28th February 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
DERA ISMAIL KHAN.	Tánk ...	0·83	...	0·27	2·20	2·48	..	2·48	The standing rabi crops have been greatly benefited by the recent rain. The prospects of the rabi are good. Sarshaf and Ussun crops are being harvested. Health of people good Fodder sufficient. Prices high. Wheat $14\frac{5}{16}$ seers and bájra $20\frac{1}{11}$ seers per rupee.
	Kuláchi ...	1·16	...	0·42	2·60	2·60	...	2·60	
	Dera Ismail Khan...	1·43	...	0·56	4·72	4·95	...	4·95	
	Bhakkar ...	1·16	...	0·47	2·11	2·40	...	2·40	
	Leiah ...	1·00	...	0·37	1·52	1·72	...	1·72	
	Shekh Budín ...	...	...	...	4·29	4·69	...	4·69	
DERA GHAZI KHAN.	Sanghar ...	0·95	...	0·28	1·43	1·69	...	1·69	Kharíf harvested. Rabi prospects excellent owing to rain, which fell in month. Extra rabi sowings going on. Health of people on whole good. Stock of grain and fodder ample. Prices falling.
	Dera Ghazi Khan...	1·34	...	0·35	0·80	1·25	...	1·25	
	Fort Munro ...	0·63	...	0·10	0·68	1·23	...	1·23	
	Jámpur ...	0·52	...	0·16	0·70	1·17	...	1·17	
	Rájanpur ...	0·35	...	0·12	0·55	0·84	...	0·84	
MUZAFFARGARH.	Alípur ...	0·79	...	0·38	1·35	2·05	...	2·05	*Alípur.*—Sugarcane being pressed. Rabi crops good. Health of people good. Fodder and food-grain sufficient. *Muzaffargarh.*—Condition of rabi crops good. The recent rain has improved the prospect. Excessive cold has damaged somewhat the peas crops. Health of people good. Sufficient stock of food-grain and fodder. *Sinánwán.*—Prospect of rabi crops improved by the recent rains. Health of people good. Fodder and food grain sufficient. In Alípur Baháwalwah canal running. In Sináwán Thal Magassan is supplying water.
	Muzaffargarh ...	0·72	...	0·27	1·35	1·86	...	1·86	
	Sinánwán ...	0·84	...	0·34	1·06	1·29	...	1·29	

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 26TH FEBRUARY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	4	5	9	10	7	3	...	...	...	2	...	...	8	3	1	4	28	31	1
2		Hansi ...	15,190	5	5	10	7	3	4	...	...	...	4	...	...	3	1	1	2	34	24	2
3		Bhiwani ...	35,487	8	10	18	15	7	8	...	...	...	8	1	...	6	3	2	5	26	22	3
4		Sirsa ...	16,415	3	3	6	6	4	2	...	...	...	1	...	...	5	1	1	2	19	19	4
5	Rohtak ...	Rohtak ...	16,191	8	9	17	9	7	2	...	...	...	...	...	...	9	3	1	4	55	29	5
6		Jhajjar ...	11,881	2	3	5	3	2	1	...	...		1	...		2	1	1	2	22	13	6
7	Gurgaon ...	Rewari ...	27,934	3	2	5	8	6	2	...	...	...	1	1	...	6	2	... 1	2	9	15	7
8		Palwal ...	11,227	7	4	11	8	6	2	...	...	...	7	...	...	1	2	1	3	51	37	8
9	Delhi ...	Delhi ...	189,648	53	50	103	100	55	44	...	...	...	47	...	...	53	13	11	24	28	27	9
10		Sonepat ...	12,611	3	5	8	2	1	1	...	...	...	1	...	...	1	...	1	1	33	8	10
11	Karnal ...	Karnal ...	21,530	5	8	13	16	11	5	...	...	...	8	...	1	7	3	2	5	31	39	11
12		Kaithal ...	15,768	5	2	7	3	3	...	...	...	...	2	...	...	1	1	...	1	23	10	12
13		Panipat ...	27,547	12	9	21	15	9	6	...	...	...	6	1	...	8	3	3	6	40	28	13
14		Shahabad ...	11,473	3	2	5	4	...	4	...	...	...	1	...	...	3	...	...	...	23	18	14
15	Umballa ...	Umballa ...	26,856	5	2	7	8	5	3	...	...	...	6	...	...	2	...	...	...	14	16	15
16		Jagadhri ...	13,029	2	3	5	3	1	2	...	...	...	3	...	...	...	...	1	1	20	12	16
17		Sadhaura ...	10,445	2	2	4	3	1	2	...	...	...	2	...		1	...	...	...	20	15	17
18	Hoshiarpur	Hoshiarpur ...	17,546	6	9	15	5	3	2	...	...	...	...	2	...	3	1	...	1	45	15	18
19		Tanda and Urmar	11,632	5	7	12	9	7	2	...	...	2	5	...	1	1	2	1	3	54	40	19
20	Jullundur ...	Jullundur ...	50,375	31	14	45	20	16	4		...	...	3	3	...	14	4	2	6	47	21	20
21		Rahon ...	10,667	6	5	11	6	4	2	...	...	...	2	...	...	4	1	...	1	54	29	21
22		Kartarpur ...	10,441	1	2	3	6	4	2	...	...	...	4	...	...	2	1	2	3	15	30	22
23	Ludhiana ...	Ludhiana ...	46,024	16	7	23	32	16	16	...	...	...	16	5	...	11	1	1	2	26	36	23
24		Jagraon ...	18,116	7	8	15	14	8	6	...	...	...	2	...	...	12	3	5	8	43	40	24
25	Ferozepore ...	Ferozepore ...	25,337	11	5	16	13	8	5	...	...	...	6	1	...	6	1	3	4	33	27	25
26	Mooltan ...	Mooltan ...	64,265	20	23	43	38	23	15	...	...	...	9	1	1	27	6	6	12	35	31	26
27	Jhang ...	Maghiana ...	13,866	1	4	5	8	6	2	...	...	...	...	1	...	7	2	...	2	19	30	27
28		Chiniot ..	13,476	10	10	20	8	5	3	...		...	...	...	...	8	2	2	4	77	31	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
29	Lahore ...	Lahore ...	159,597	56	23	79	62	33	29	...	...	1	32	1	...	28	7	8	15	26	20
30		Kasur ...	20,290	2	7	9	12	9	3	...	...	...	7	1	...	4	4	...	4	23	31
31		Chunian ...	10,339	3	3	6	3	2	1	...	...	...	...	...	...	3	...	...	...	30	15
32	Amritsar ...	Amritsar ...	135,401	59	54	113	76	46	30	...	...	...	28	4	...	44	9	9	18	44	29
33	Gurdaspur ...	Batala ...	27,223	15	9	24	11	4	7	...	...	...	6	...	...	5	...	2	2	46	21
34	Sialkot ...	Sialkot ...	33,965	14	20	34	31	17	14	...	...	1	12	3	...	15	5	3	8	52	48
35	Gujrat ...	Gujrat ...	17,671	10	12	22	10	6	4	...	...	...	1	1	...	8	1	2	3	65	30
36		Jalalpur ...	11,065	4	6	10	11	6	5	...	...	...	3	1	...	7	1	1	2	47	52
37	Gujranwala ...	Gujranwala ...	25,892	11	7	18	14	9	5	...	...	...	7	...	...	7	3	...	3	36	28
38		Wazirabad ...	15,786	6	7	13	5	2	3	...	...	...	2	...	...	3	...	1	1	43	17
39	Shahpur ...	Bhera ...	17,428	6	4	10	8	5	3	...	...	...	3	2	1	2	...	...	...	30	24
40	Jhelum ...	Pind Dadan Khan	15,055	1	4	5	5	2	3	...	...	...	2	2	...	1	...	1	1	17	17
41	Rawalpindi ...	Rawalpindi ...	38,334	10	11	21	22	13	9	...	...	...	9	...	...	13	2	2	4	29	30
42	Peshawar ...	Peshawar ...	63,079	26	15	41	25	13	12	...	...	...	19	1	1	4	2	2	4	34	21
43	Kohat ...	Kohat ...	14,347	8	3	11	9	5	4	...	...	...	9	...	...	...	1	1	2	40	33
44	D. I. Khan ...	Dera Ismail Khan	21,573	4	4	8	24	10	14	...	...	...	17	4	...	3	1	3	4	19	58
45	D. G. Khan ...	Dera Ghazi Khan	23,899	6	2	8	19	11	8	...	...	...	10	3	...	6	5	...	5	17	41
	Grand Total	...	1,412,775	485	409	894	726	422	304	...	...	4	314	39	5	364	101	83	184	33	27
	Hill Sanitaria.																				
	Simla ...	...	13,279	6	4	10	7	5	2	...	...	...	3	...	...	4	3	1	4	39	27
	Dharmsala ...	...	2,778	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	56	...
	Dalhousie ...	...	807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Murree ...	...	1,459	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	[illegible]	...

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 15th March 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 26TH FEBRUARY 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 894 births were registered (485 males and 409 females), giving a birth-rate of 33 per *mille* of population; 726 deaths were registered (422 males and 304 females), giving a death-rate of 27 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 15*th March* 1898.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 5th March 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other Earnings (estimated).	Total Earnings.	Traffic Train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	16,392	13,052 15 0	127,688 30	21,279 11 0	100 0 0	34,432 10 0	6,941	5,871	12,812
Or per mile of Railway	...	80 7 3	...	131 2 7	0 9 11	212 3 9	...	...	...
For previous $8\frac{1}{7}$ weeks of half-year	*353,368	*1,93,007 5 0	†826,091 10	†1,32,352 15 0	‡667 0 0	3,26,027 4 0	64,494	33,862	98,356
Total for $9\frac{1}{7}$ weeks ...	369,760	2,06,060 4 0	953,780 0	1,53,632 10 0	767 0 0	3,60,459 14 0	71,435	39,733	111,168
COMPARISON.									
Total for corresponding week of previous year ...	14,126	12,450 0 6	72,805 20	10,766 13 0	53 4 0	23,270 1 6	6,315	4,104	10,419
Per mile of Railway corresponding week of previous year	...	77 9 4	...	67 1 6	0 5 4	145 0 2	...	...	...
Total for corresponding $9\frac{2}{7}$ weeks of previous year ...	144,619½	1,11,289 9 2	827,883 20	96,487 2 0	538 4 3	2,08,314 15 5	61,337	33,877	95,214

* Added No. of passengers 11,302 and Rs. 8,188 }
† Do. Mds. 18,358 and „ 444 } on account of difference between the Approximate and Audited figures for the week ended 22nd January 1898.
‡ Do. „ 93 }

EAST INDIAN RAILWAY, AUDIT OFFICE, }
The 9th March 1898. }

T. BASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore—17-3-98—690.

No. 12 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MARCH 24, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 22nd MARCH 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	...	2. Good ...	Wheat 13 seers ... Gram 16 seers. Bájra 23 seers.	Prospects of crops dependent on rain fair. Canal crops in good condition.	...
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Wheat 14 seers. Gram 16 seers. Bájra 20 seers.	Crops in good condition. Prospects average.	...
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 14 to 15 seers. Gram 14½ to 15 seers. Maize 24¾ seers.	Crops in good condition. Extra spring crops have been mostly sown. Mellons, &c., are still being sown.	Sugarcane sowing commenced.
4	Jullundur ...	...	1. Sufficient ... 2. Good.	Wheat 16 seers. Gram 18 seers. Maize 25¼ seers.	Condition of crops good. Ploughings for extra spring crops in progress.	...
5	Ferozepore ...	...	1. Sufficient ... 2. Good.	Wheat 14 seers ... Gram 16 seers. Barley 20 seers. Bájra 19 seers. Jowár 20 seers. Maize 20 seers.	Crops in good condition. Barley and gram slightly damaged by dust-storm in parts.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
6	Mooltan ...	...	1. Sufficient ... 2. Good.	Wheat, 2nd quality, 12½ seers.	Crops in good condition ...	...
7	Lahore ...	...	1. Sufficient ... 2. Good.	Wheat 12¼ to 13½ seers. Maize 18½ to 19½ seers.	Crops good in Lahore and Chunián Tahsíls and average in others Extra spring crops being sown.	Ploughings commenced.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 15¼ seers... Maize 23½ seers.	Crops in good condition. Extra spring crops being sown.	Sowings of cotton and sugarcane in progress.
9	Siálkot ...	...	1. Green fodder procurable. 2. Good.	Wheat 14 to 15 seers. Rice 10 to 11 seers.	Crops promise well. Rain wanted.	Ploughings in progress.
10	Shahpur ...	...	1. Ample ... 2. Good.	Wheat 15 to 16½ seers. Bájra 18 to 21 seers.	Locusts in Tahsíls Shahpur and Bhera have laid eggs, which are being destroyed.	...
11	Ráwalpindi ...	0·21 at Ráwalpindi 0·13 in Pindigheb. 0·17 in Attock. 0·22 in Gujar Khan. 0·45 in Kahúta. 1·52 in Murree.	1. Sufficient ...	Wheat 17¼ seers .. Bájra 20 seers. Maize 23 seers.	Prospects excellent.	...
12	Peshâwar ...	0·91	1. Sufficient ... 2. Good.	Wheat $15\frac{7}{16}$ seers. Maize $24\frac{1}{16}$ seers.	Recent rain has benefited the standing crops. Condition of crops good.	...
13	D. I. Khan ...	0·09 at Sadr. 0·17 in Tánk. 0·24 in Kuláchi. 0·19 in Shekh Budín.	1. Sufficient ... 2. Good.	Wheat 16¼ seers Bájra 22½ seers.	Condition of standig crops good. Oilseed crops are being harvested. Sowings of extra spring crops in progress.	Sowings of cotton going on.

GENERAL REMARKS.

Rainfall.—Rain has fallen in the Ráwalpindi, Peshâwar and Dera Ismail Khan Districts.

Prices.—Rising in Umballa, Ferozepore and Lahore; unchanged in Amritsar and Siálkot; falling elsewhere.

Wheat is selling from 12½ to 17¼, gram 14½ to 18, barley 20, bulrush millet 19 to 23, maize 18½ to 25¼, great millet 20 and rice 10 to 11 seers per rupee.

Agricultural operations.—Oil seed crops are being harvested. Sowings of extra spring crops and ploughings for autumn crops in progress. Sowings of cotton and sugarcane going on in Umballa, Amritsar and Dera Ismail Khan Districts.

Crops and outturn.—Standing crops are generally reported to be in good condition. Their prospects are said to be average in parts of Delhi and Lahore. Crops have been benefited in the districts where rain has recently fallen.

Damage done to crops.—Barley and gram crops have been slightly damaged by dust-storms in parts of Ferozepore.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient throughout the Province.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 5TH MARCH 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	1	1	2	12	5	7	.	...	...	5	1	...	6	2	...	2	6	37	1
2		Hansi ...	15,190	3	...	3	8	5	3	...	...	...	3	...	...	5	2	1	3	10	27	2
3		Bhiwani ...	35,487	2	6	8	19	8	11	...	...	...	9	...	...	10	3	2	5	12	28	3
4		Sirsa ...	16,415	11	6	17	13	6	7	...	...	...	4	...	...	9	2	1	3	54	41	4
5	Rohtak ...	Rohtak ...	16,191	4	2	6	6	4	2	...		...	...	...		6	1	...	1	19	19	5
6		Jhajjar ...	11,881	1	3	4	2	...	2	...	...		1	...	.	1	...	1	1	18	9	6
7	Gurgaon ...	Rewari ...	27,934	9	6	15	13	7	6	...	...	...	5	2	...	6	2	...	2	28	24	7
8		Palwal ...	11,227	5	3	8	9	6	3	...	...	...	6	...	...	3	2	...	2	37	42	8
9	Delhi ...	Delhi ...	189,648	58	41	99	100	52	48	...	...	...	52	2	...	46	11	5	16	27	27	9
10		Sonepat ...	12,611	4	3	7	4	3	1	...	...	...	...	...	...	4	1	...	1	29	17	10
11	Karnal ...	Karnal ...	21,530	3	5	8	10	5	5	...	...	...	6	2	...	2	...	1	1	19	24	11
12		Kaithal ...	15,768	1	6	7	6	5	1	...	...	...	6	...	...	...	2	...	2	23	20	12
13		Panipat ...	27,547	5	12	17	11	7	4	...	...	...	4	1	...	6	2	2	4	32	21	13
14		Shahabad ...	11,473	3	3	6	4	1	3	...	...	...	2	1	...	1	...	...	...	27	18	14
15	Umballa ...	Umballa ...	26,856	3	13	16	14	3	11	...	...	...	4	...	...	10	...	3	3	31	27	15
16		Jagadhri ...	13,029	6	4	10	8	2	6		...	...	5	...	...	3	...	1	1	40	32	16
17		Sadhaura ...	10,445	6	2	8	3	2	1	...	..	...	3	...	.	...	1	...	1	40	15	17
18	Hoshiarpur	Hoshiarpur ...	17,546	5	4	9	5	3	2	...	...	...	2	1	...	2	1	...	1	27	15	18
19		Tanda and Urmar	11,632	6	2	8	10	5	5	...	..	4	6	...	...	...	...	2	2	36	45	19
20	Jullundur ...	Jullundur ...	50,375	25	20	45	27	16	11		...	...	12	2	...	13	2	2	4	47	28	20
21		Rahon ...	10,667	5	3	8	9	5	4	...	...	...	...	1	...	8	2	1	3	39	44	21
22		Kartarpur ...	10,441	1	4	5	3	2	1	...	...	...	2	...	...	1	1	...	1	25	15	22
23	Ludhiana ...	Ludhiana ...	46,024	22	8	30	25	10	15	...	...	...	9	...	...	16	2	4	6	34	28	23
24		Jagraon ...	18,116	15	5	20	4	3	1	...	..	...	2	1	...	1	1	...	1	58	12	24
25	Ferozepore ...	Ferozepore ...	25,337	7	9	16	5	3	2	..	...	...	...	1	...	4	1	1	2	33	10	25
26	Mooltan ...	Mooltan ...	64,265	12	26	38	35	9	26	...	..	...	10	1	1	23	2	10	12	31	28	25
27	Jhang ...	Maghiana ...	13,866	6	3	9	8	5	3	...	..	...	...	...	...	8	3	2	5	34	30	27
28		Chiniot ...	13,476	5	7	12	13	8	5	...	...	...	3	...	...	10	5	2	7	46	50	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
29	Lahore ...	Lahore ...	159,597	59	42	101	62	36	26	..	...	...	30	1	3	28	7	3	10	33	20
30		Kasur ...	20,290	4	13	17	11	7	4	..	...	...	5	...	...	6	1	1	2	44	28
31		Chunian ...	10,339	10	5	15	8	5	3	..	...	...	3	1	...	4	2	...	2	76	40
32	Amritsar ...	Amritsar ...	135,401	33	50	83	85	41	44	..	...	...	34	4	2	45	8	13	21	32	33
33	Gurdaspur ...	Batala ...	27,223	5	6	11	17	10	7	...	...	5	6	2	...	4	1	2	3	21	33
34	Sialkot ...	Sialkot ...	33,965	20	14	34	22	11	11	..	...	2	4	...	2	14	1	1	2	52	34
35	Gujrat ...	Gujrat ...	17,671	6	10	16	5	2	3	..	...	...	3	...	...	2	...	1	1	47	15
36		Jalalpur ...	11,065	1	5	6	8	7	1	..	...	...	3	1	...	4	1	...	1	28	38
37	Gujranwala...	Gujranwala ...	25,892	1	4	5	5	3	2	..	...	...	3	...	...	2	1	...	1	10	10
38		Wazirabad ...	15,786	11	8	19	8	4	4	...	...	...	2	...	...	6	1	2	3	63	25
39	Shahpur ...	Bhera ...	17,428	4	5	9	4	3	1	..	..	...	2	...	...	2	...	...	...	27	12
40	Jhelum ...	Pind Dadan Khan	15,055	9	3	12	5	2	3	...	...	...	3	1	...	1	...	1	1	42	17
41	Rawalpindi ...	Rawalpindi ...	38,334	11	10	21	23	15	8	...	...	...	11	1	...	11	3	3	6	29	31
42	Peshawar ...	Peshawar ...	63,079	22	11	33	33	25	8	..	...	...	19	3		11	5	4	9	27	27
43	Kohat ...	Kohat ...	14,347	5	6	11	5	3	2	..	...	...	3	...	...	2	1	1	2	40	18
44	D. I. Khan ...	Dera Ismail Khan	21,573	7	5	12	21	15	6	...	...	...	8	7	...	6	...	3	3	29	51
45	D. G. Khan ...	Dera Ghazi Khan	23,899	8	7	15	13	10	3	...	...	...	7	1	...	5	...	1	1	33	28
	Grand Total	...	1,412,775	450	411	861	721	389	332	..	...	11	307	38	8	357	83	77	160	32	27
	Hill Sanitaria.																				
	Simla ...	...	13,279	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...
	Dharmsala ...	...	2,778	2	1	3	2	...	2	...	...	...	...	...	...	2	...	...	...	56	38
	Dalhousie ...	...	807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Murree ...	...	1,459	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	[illegible]	...

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE, LAHORE: *The 22nd March 1898.*

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 5TH MARCH 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 861 births were registered (450 males and 411 females), giving a birth-rate of 32 per *mille* of population; 721 deaths were registered (389 males and 332 females), giving a death-rate of 27 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 22nd March 1898.

MONTHLY RAINFALL OF KILBA (SIMLA DISTRICT) IN THE PUNJAB FOR THE MONTH OF JANUARY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab Hill Division.	Simla.	Kilba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO PUNJAB GAZETTE DATED 24TH FEBRUARY 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st January 1898.	Average rainfall from 1st October up to 31st January.	Station.	District.	Meteorological Division.
...	...	...	0·61	...	...	...	...	...	...	1	?	0·61	5·61	0·61	1·45	10·01	Kilba.	Simla.	Punjab Hill Division.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

TABLE OF RAINFALL RECORDED AT STATIONS IN THE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, South.	Hissar.	Sirsa	...	...	...	...	...	...	...	...	...	0·73	0·26	...	...	...	0·17	0·03	...	...	...	...	...
		Fatahabad	...	...	...	...	...	...	...	...	...	0·19	0·72	...	...	...	0·14	...	0·09	...	...	...	...
		Hissar	...	...	...	...	...	...	...	...	...	**0·28**	**0·20**	...	...	...	**0·12**	**0·85**	**0·03**	...	...	...	...
		Hansi	...	...	...	...	...	...	...	...	0·04	0·11	0·22	...	...	...	0·21	0·05	...	...	...	...	...
		Bhiwani	...	...	...	...	...	...	...	...	...	0·20	0·10	...	...	...	0·63	0·05	...	...	...	...	...
		Budhlada	...	...	...	...	...	...	...	...	...	0·50	0·40	...	...	...	0·25	...	0·32	...	...	...	...
		Tohana	...	...	...	...	...	...	...	...	...	0·75	...	0·50	...	...	0·35	...	0·50	...	...	...	...
	Jind State.	Dhaneta *C*	...	...	...	...	...	0·20	...	...	...	0·30	...	...	...	...	...	0·30	0·49	...	...	...	...
		Safidan *C*	...	...	...	...	...	...	...	...	...	0·50	0·80	0·50	...	...	0·20	...	...	...	...	...	...
		Jind *C*	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	0·50	0·25	0·05	...	...	...	...
	Bikaner State.	Chhani *C*	...	...	...	...	...	...	...	...	...	...	0·60	...	...	...	...	0·50	...	...	...	...	...
	Ferozepore.	Moga	...	...	...	...	...	...	...	...	...	0·84	1·16	0·11	...	...	0·53	...	0·84	0·57	...	...	...
		Zira	...	...	...	...	...	...	...	...	...	1·02	1·16	0·28	...	...	0·58	...	0·68	0·39	0·10	...	...
		Ferozepore Sadr	...	...	...	...	...	...	...	...	...	**0·70**	**0·63**	...	...	...	**0·25**	...	**1·51**	**0·57**	...	...	...
		Ferozepore City	...	...	...	...	...	...	...	...	...	0·72	0·56	...	...	...	0·25	...	2·85	0·43	...	...	...
		Muktsar	...	...	...	...	...	...	...	...	...	0·47	0·54	...	...	...	0·27	0·20	0·33	...	...	...	...
		Fazilka	...	...	...	...	...	...	...	...	...	0·83	0·35	...	...	...	0·18	0·03	0·21	...	...	...	...
		Nathana	...	...	...	...	...	...	...	...	0·55	0·35	...	...	...	...	0·35	...	0·50	...	...	...	...
		Jalalabad	...	...	...	...	...	...	...	...	0·67	0·25	...	...	...	...	0·24	0·05	...	...	...	...	...
		Govindgarh *C*	...	...	...	...	...	...	...	...	0·40	...	...	...	...	0·40	0·10	...	...	...	...	...	...
		Phidda *C*	...	...	...	...	...	...	...	...	...	0·90	...	...	...	0·50	...	...	0·10	0·50	...	...	...
	Montgomery.	Gugera	...	...	...	...	...	...	...	...	...	0·96	0·12	...	...	...	...	...	0·11	0·47	...	...	...
		Montgomery	...	...	...	...	...	...	...	...	...	**0·50**	**0·25**	...	...	...	...	...	**0·11**	...	...	...	...
		Pakpattan	...	...	...	...	...	...	...	...	...	0·48	0·10	...	...	...	R.	...	...	...	...	...	...
		Dipalpur	...	...	...	...	...	...	...	...	...	0·90	0·16	0·21	...	...	0·16	...	0·10	0·22	...	...	...
		Sandyanwala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Central.	Gurgaon.	Farukhnagar	...	...	...	...	...	0·15	...	...	...	0·80	0·25	...	...	...	0·30	0·15	...	...	...	...	...
		Jatusana	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	0·30	...	...	...	...	...	...
		Rewari	...	...	...	...	...	...	...	...	0·06	0·45	...	0·66	...	...	0·46	0·18	...	...	...	...	...
		Shahjahanpur	...	...	...	...	...	...	...	...	...	0·06	0·10	...	...	...	0·60	...	...	...	...	...	...
		Tauru	...	...	...	...	...	...	...	...	...	2·10	...	0·10	...	...	0·43	0·20	...	...	...	...	...
		Nuh	...	...	...	...	...	...	...	...	0·26	1·26	0·22	...	...	...	0·52	0·11	...	...	...	...	...
		Firozpur	...	...	...	...	...	...	...	...	0·35	0·90	0·15	0·48	...	...	0·30	0·12	...	...	...	...	...
		Hodal	...	...	...	...	...	...	...	...	0·10	1·35	0·70	...	...	...	0·30	0·10	...	...	...	...	...
		Hattin	...	...	...	...	...	...	...	...	0·48	1·12	0·77	0·03	...	...	0·43	0·14	...	...	...	...	...
		Palwal	...	...	...	...	...	...	...	...	0·50	1·52	0·83	...	...	...	0·48	0·20	...	...	...	...	...
		Sohna	...	...	...	...	...	...	...	...	...	0·80	0·80	...	...	0·30	0·40	...	...	...	...	...	...
		Gurgaon	...	...	...	...	...	T 0·24	...	...	**0·08**	**0·85**	**0·47**	R.	...	...	**0·35**	**0·12**	...	...	...	...	...
		Punahana	...	...	...	...	...	...	...	...	0·34	1·50	0·60	...	...	...	0·30	0·18	...	...	...	...	...
	Rohtak.	**Rohtak**	...	...	...	...	...	...	...	...	**0·01**	**0·53**	**0·08**	...	...	...	**0·78**	...	...	...	...	...	...
		Gohana	...	...	...	...	...	...	...	...	...	0·75	0·40	0·10	...	...	0·30	...	...	...	...	...	...
		Sampla	...	...	...	...	...	...	...	...	0·06	0·70	0·21	...	...	...	1·05	...	...	...	...	...	...
		Jhajjar	...	...	...	...	...		...	...	...	0·68	...	...	...	...	0·70	0·10	...	...	...	...	...
	Delhi.	Ballabgarh	...	...	...	...	...	...	...	...	0·38	1·22	0·65	0·02	...	...	0·48	0·10	0·02	...	...	...	...
		Mahrauli	...	...	...	...	...	...	...	...	0·50	1·02	0·36	...	...	...	0·57	...	...	...	...	...	...
		Sadr (Delhi)	...	...	...	...	...	...	...	...	**0·03**	**1·00**	**1·05**	**0·10**	...	...	**0·65**	...	**0·03**	...	...	...	...
		Sonepat	...	...	...	...	...	...	...	...	0·06	0·90	0·54	...	...	...	0·28	0·32	...	...	...	...	...

PUNJAB FOR THE MONTH OF FEBRUARY 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.				Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 28th February 1898.	Average rainfall from 1st October 1897 up to 28th February 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...				3	0·9	1·19	0·30	0·73	2·39	1·64	Sirsa	Hissar.	Punjab, South.
...	...	...	...	...	...	...				3	1·0	1·14	0·45	0·72	1·14	1·83	Fatahabad		
...	...	...	...	...	...	...				4	1·2	1·48	0·36	0·85	1·78	1·76	**Hissar**		
...	...	...	...	...	...	...				3	1·2	0·63	0·35	0·22	1·11	1·59	Hansi		
...	...	...	...	...	...	...				3	0·9	0·98	0·24	0·63	1·51	1·27	Bhiwani		
...	...	...	...	...	...	...				4	?	1·47	?	0·50	1·94	?	Budhlada		
...	...	...	...	...	...	...				4	?	2·10	?	0·75	2·29	?	Tohana		
...	...	...	...	...	...	...				4	?	1·29	?	0·49	1·29	?	Dhaneta *C*	Jind State.	
...	...	...	...	...	...	...				4	?	2·00	?	0·80	2·50	?	Safidan *C*		
...	...	...	...	...	...	...				3	?	1·00	?	0·50	1·00	?	Jind *C*		
...	...	...	...	...	...	...				2	?	1·10	?	0·60	1·80	?	Chhani *C*	Bikaner State.	
...	...	...	...	...	...	...				6	1·3	4·05	0·61	1·16	4·92	1·82	Moga	Ferozepore.	
...	...	...	...	...	...	...				7	1·3	4·21	0·59	1·16	5·22	1·85	Zira		
...	...	...	...	...	...	...				5	1·8	3·66	0·69	1·51	4·79	1·90	**Ferozepore Sadr**		
...	...	...	...	...	...	...				5	?	4·81	?	2·85	5·80	?	Ferozepore City		
...	...	...	...	...	...	...				5	0·7	1·81	0·28	0·54	2·83	0·90	Muktsar		
...	...	...	...	...	...	...				4	?	1·60	?	0·83	2·13	?	Fazilka		
...	...	...	...	...	...	...				4	?	1·75	?	0·55	2·46	?	Nathana		
...	...	...	...	...	...	...				3	?	1·21	?	0·67	1·90	?	Jalalabad		
...	...	...	...	...	...	...				3	?	0·90	?	0·40	1·40	?	Govindgarh *C*		
...	...	...	...	...	...	...				4	?	2·00	?	0·90	2·00	?	Phidda *C*		
...	...	...	...	...	...	...				4	1·0	1·66	0·55	0·95	3·02	1·18	Gugera	Montgomery.	
...	...	...	...	...	...	...				3	1·1	0·86	0·61	0·50	1·61	1·21	**Montgomery**		
...	...	...	...	...	...	...				2	0·9	0·58	0·33	0·48	0·87	0·89	Pakpattan		
...	...	...	...	...	...	...				6	1·2	1·75	0·49	0·90	2·89	1·22	Dipalpur		
...	...	...	...	...	...	...				0	?	0	?	0	0	?	Sandyanwala *C*		
...	...	...	...	...	...	...				5	?	1·65	?	0·80	1·65	?	Farukhnagar	Gurgaon.	Punjab, Central.
...	...	...	...	...	...	...				2	?	0·50	?	0·30	0·50	?	Jatusana		
...	...	...	...	...	...	...				4	0·9	1·81	0·22	0·66	1·81	1·32	Rewari		
...	...	...	...	...	...	...				2	?	0·76	?	0·60	1·56	?	Shahjahanpur		
...	...	...	...	...	...	...				4	?	2·83	?	2·10	3·17	?	Tauru		
...	...	...	...	...	...	...				5	0·7	2·37	0·31	1·26	2·37	1·35	Nuh		
...	...	...	...	...	...	...				6	0·5	2·30	0·13	0·90	2·30	0·89	Firozpur		
...	...	...	...	...	...	...				5	?	2·55	?	1·35	2·55	?	Hodal		
...	...	...	...	...	...	...				5	?	2·97	?	1·12	3·29	?	Hattin		
...	...	...	...	...	...	...				5	0·6	3·53	0·38	1·52	3·53	1·68	Palwal		
...	...	...	...	...	...	...				4	?	2·30	?	0·80	2·30	?	Sohna		
...	...	...	...	...	...	...				5	0·9	2·11	0·31	0·85	2·11	1·99	**Gurgaon**		
...	...	...	...	...	...	...				5	?	2·92	?	1·50	2·92	?	Punahana		
...	...	...	...	...	...	...				2	1·3	1·40	0·32	0·78	1·40	1·66	**Rohtak**	Rohtak.	
...	...	...	...	...	...	...				4	1·0	1·55	0·37	0·75	1·55	1·89	Gohana		
...	ted	...	...	...	...	...				3	0·8	2·02	0·28	1·05	2·02	1·57	Sampla		
...	...	...	...	...	...	...				3	0·9	1·48	0·28	0·70	1·48	1·45	Jhajjar		
...	...	...	...	...	...	...				5	0·8	2·87	0·36	1·22	2·87	1·55	Ballabgarh	Delhi.	
...	...	...	...	...	...	...				4	?	2·45	?	1·0	2·45	?	Mahrauli		
...	...	...	...	...	...	...				4	1·1	2·86	0·34	1·05	2·86	2·3	**Sadr (Delhi)**		
...	...	...	...	...	...	...				4	1·1	2·10	0·37	0·90	2·30	1·83	Sonepat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Central—*concluded.*	Karnal.	Panipat	...	...	...	...	...	0·03	...	...	0·05	0·90	1·10	0·26	...	...	0·22	0·10	0·41	...	...	...	...
		Karnal	...	...	...	...	...	0·15	...	...	...	1·14	2·68	0·22	...	...	0·95	0·60	0·15	..	0·05	...	...
		Rajaund	...	...	...	...	...	0·07	...	...	0·40	0·11	0·18	...	...	0·23	0·08	0·18	...	0·27	...	...	...
		Kaithal	...	...	...	...	...	0·09	...	...		0·36	0·07	0·67	...	...	0·21	...	0·74	...	...	...	...
		Gulah	...	...	...	...	...	0·50	...	..	0·47	0·15	1·05	...	...	0·35	...	1·00	...	...	...	...	...
		Thansear	...	...	...	...	...	0·54	...	...	...	0·80	3·14	0·54	...	...	0·47	...	1·09	0·02	0·11	...	...
	Lahore.	Van *C*	...	...	...	...	...	...	...	...	...	1·20	0·40	...	...	...	0·25	...	0·70	0·80	...	...	...
		Chunian	...	...	...	...	...	...	...	...	...	0·90	0·25	...	...	...	0·19	...	0·26	0·69	...	...	...
		Kasur	...	..	...	...	..	...	...	...	...	0·20	0·41	0·03	...	...	0·30	0·12	0·85	0·81	...	...	...
		Pambe *C*	...	...	...	...	...	...	...	...	...	0·65	0·33	...	...	...	0·35	...	1·27	0·95	..	...	...
		Sharakpur	...	...	..	...	...	...	...	...	...	0·32	0·41	0·04	0·03	...	0·26	0·22	0·51	0·47	0·05	...	...
		Niaz Beg *C*	...	...	...	...	...	...	...	...	...	0·10	0·60	...	...	...	0·55	...	0·65	0·50	..	...	...
		Lahore	...	...	...	...	...	...	...	...	...	0·24	1·43	0·51	...	...	0·46	0·06	1·07	0·50	0·05	...	...
		Meean Meer *C*	...	...	...	...	...	...	...	...	...	0·40	1·10	0·20	...	...	0·50	0·85	0·60	0·70	...	...	...
		Manihala *C*	...	...	...	...	...	...	...	...	...	0·40	1·30	0·65	...	...	0·40	...	0·27	0·30	...	...	...
		Dafthu *C*	...	...	...	...	...	...	...	...	...	1·00	...	...	...	...	0·40	...	0·90	0·50	...	...	...
		Nijabat *C*	...	...	...	...	...	...	...	...	...	0·67	0·05	...	...	..	0·15	0·09	0·32	0·10	...	...	...
Punjab, Submontane.	Umballa.	Jagadhri	...	...	...	...	...	0·42	...	...	...	0·72	2·35	0·55	...	...	0·26	0·17	0·94	0·10	0·26	...	...
		Umballa	...	...	...	...	...	0·14	...	...	...	0·75	5·83	1·23	..	...	0·23	...	0·80	0·21	...	...	...
		Naraingarh	...	...	...	..	...	0·07	...	...	...	0·50	2·29	0·81	...	...	0·23	...	0·68	0·20	0·70	...	...
		Kharar	...	...	...	...	...	0·10	...	...	...	0·73	4·07	0·63	...	...	...	...	0·62	0·87	0·11	...	...
		Rupar	...	...	...	...	...	0·07	...	...	...	0·60	3·24	0·50	...	...	...	0·51	1·10	1·18	...	...	...
		Dadupur *C*	...	...	...	...	...	0·25	...	...	...	0·85	2·10	1·20	...	...	0·30	0·10	1·00	0·20	0·10	...	...
	Patiala State.	Kotra *C*	...	...	...	...	...	...	...	...	...	0·26	0·34	0·20	...	...	0·06	...	0·12	...	0·09	...	...
		Jodhpur *C*	...	...	...	...	...	..	...	...	...	0·53	0·37	0·18	...	...	0·27	...	...	...	0·09	...	...
		Raniki *C*	...	...	...	...	...	...	...	...	...	0·30	1·30	0·65	...	...	0·20	...	0·2	...	0·10	...	...
		Lehal *C*	...	..	...	...	...	0·08	...	...	...	0·75	0·95	0·10	...	...	0·10	...	0·35	0·03	...	...	...
		Gujran *C*	...	...	...	...	...	0·45	...	...	0·05	0·65	0·50	0·20	...	...	0·34	0·26	0·35	..	...	...	...
		Barthala *C*	...	...	...	...	...	0·31	...	...	...	1·15	1·07	0·03	...	...	0·15	...	0·37	0·47	...	...	...
	Nabha State.	Dadahur *C*	...	..	...	...	...	0·20	...	...	...	0·80	1·00	0·30	...	...	0·50	...	0·60	0·10	...	...	...
		Bundher *C*	...	...	...	...	...	...	...	...	...	0·42	0·86	0·12	...	...	0·32	...	0·37	...	0·07	...	...
	Ludhiana.	Samrala	...	...	...	...	...	0·21	...	...	...	0·79	1·50	0·18	...	...	0·18	...	0·43	0·83	0·05	...	...
		Ludhiana	...	...	...	...	...	...	...	...	...	0·77	0·65	...	...	...	0·31	...	1·05	0·78	0·03	...	...
		Jagraon	...	...	...	...	...	0·06	...	...	...	0·94	1·20	0·05	...	...	0·41	...	0·79	0·58	0·05	...	...
	Jullundur.	**Jullundur**	...	...	..	...	...	...	...	...	0·60	1·25	...	...	...	0·50	...	0·82	0·43	0·05	...	...	...
		Nakodar	...	...	...	...	...	...	...	...	...	0·69	1·58	...	...	...	0·58	...	1·67	0·44	0·02	...	...
		Phillour	...	...	...	...	...	...	...	...	...	0·75	0·78	0·08	...	...	0·35	...	1·84	0·65	...	...	...
		Nawashahr	...	...	...	...	...	...	...	...	0·70	2·89	0·10	...	...	0·12	...	1·25	0·70	0·42	...	...	...

Punjab for the month of February 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.				Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 28th February 1898.	Average rainfall from 1st October 1897 up to 28th February 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...				6	1.6	3.07	0.56	1.10	3.10	1.90	Panipat	Karnal.	Punjab, Central—*concluded*.
...	...	...	...	...	...	...				7	1.9	5.94	0.89	2.68	5.94	3.08	Karnal		
...	...	...	...	...	...	...				6	?	1.52	?	0.40	1.52	?	Rajaund		
...	...	...	...	...	...	...				4	1.2	2.14	0.48	0.74	2.19	1.87	Kaithal		
...	...	...	...	...	...	...				6	?	3.52	?	1.05	3.62	?	Gulah		
...	...	...	...	...	...	...				7	1.4	6.77	0.96	3.14	6.81	2.83	Thanesar		
...	...	...	...	...	...	...				5	1.5	3.35	0.72	1.20	4.70	2.37	Van *C*	Lahore.	
...	...	...	...	...	...	...				5	0.5	2.89	0.28	0.90	4.17	1.30	Chunian		
...	...	...	...	...	...	...				6	0.7	3.32	0.39	0.85	4.81	1.30	Kasur		
...	...	...	...	...	...	...				5	2.4	3.55	0.72	1.27	4.90	2.06	Pambe *C*		
...	...	...	...	...	...	...				6	0.8	2.31	0.43	0.51	4.04	1.41	Sharakpur		
...	...	...	...	...	...	...				5	2.0	2.40	1.02	0.65	3.88	3.12	Niaz Beg *C*		
...	...	...	...	...	...	...				6	2.0	4.32	0.88	1.43	5.62	2.42	Lahore		
...	...	...	...	...	...	...				7	2.4	4.36	1.28	1.10	5.80	3.73	Meean Meer *C*		
...	...	...	...	...	...	...				6	1.1	3.32	0.63	1.30	4.05	2.08	Manihala *C*		
...	...	...	...	...	...	...				4	?	2.80	?	1.00	3.30	?	Dafthu *C*		
...	...	...	...	...	...	...				4	?	1.38	?	0.67	2.24	?	Nijabat *C*		
...	...	...	...	...	...	...				0	1.9	5.77	1.23	2.35	6.00	4.56	Jagadhri	Umballa.	Punjab, Submontane.
...	...	...	...	...	...	...				7	2.0	9.19	1.05	5.83	9.44	3.20	Umballa		
...	...	...	...	...	...	...				7	2.2	5.48	1.19	2.29	5.63	4.13	Naraingarh		
...	...	...	...	...	...	...				7	1.7	7.15	1.05	4.07	7.51	4.02	Kharar		
...	...	...	...	...	...	...				6	2.1	7.20	1.36	3.24	7.84	4.23	Rupar		
...	...	...	...	...	...	...				9	?	6.10	?	2.10	6.50	?	Dadupur *C*		
...	...	...	...	...	...	...				4	?	1.07	?	0.34	1.07	?	Kotra *C*	Patiala State.	
...	...	...	...	...	...	...				4	?	1.44	?	0.53	1.62	?	Jodhpur *C*		
...	...	...	...	...	...	...				6	?	3.30	?	1.30	3.55	?	Raniki *C*		
...	...	...	...	...	...	...				5	?	2.36	?	0.95	2.49	?	Lehal *C*		
...	...	...	...	...	...	...				7	?	2.80	?	0.65	3.00	?	Gujran *C*		
...	...	...	...	...	...	...				6	?	3.55	?	1.15	4.18	?	Barthala *C*		
...	...	...	...	...	...	...				7	?	3.50	?	1.00	4.00	?	Dadahur *C*	Nabha State.	
...	...	...	...	...	...	...				5	?	2.16	?	0.86	2.16	?	Bundher *C*		
...	...	...	...	...	...	...				7	2.0	4.17	0.69	1.50	4.65	2.82	Samrala	Ludhiana.	
...	...	...	...	...	...	...				5	2.0	3.59	0.92	1.05	4.16	3.13	Ludhiana		
...	...	...	...	...	...	...				5	1.4	4.08	0.72	1.20	4.82	2.13	Jagraon		
...	...	...	...	...	...	...				5	2.2	3.65	1.17	1.25	4.19	3.38	Jullundur	Jullundur.	
...	...	...	...	...	...	...				5	1.8	4.98	0.88	1.67	5.64	2.44	Nakodar		
...	...	...	...	...	...	...				5	2.1	4.45	0.93	1.84	4.88	2.93	Phillour		
...	...	...	...	...	...	...				7	2.7	6.18	1.18	2.89	6.71	3.73	Nawashahr		

ted.

Table of Rainfall recorded at Stations in t

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab, Submontane—*concluded.*	Hoshiarpur.	Dasuya ...	...	...	...	...	...	...	...	...	...	0·39	2·82	...	...	...	0·29	0·11	1·20	1	...	...
		Una ...	..	...	...	...	...	...	...	...	...	0·28	3·39	0·20	...	0·39	0·18	0·12	0·76	0·61	0·11	...
		Garhshankar ...	...	...	...	...	...	...	...	...	...	0·74	4·11	0·08	...	...	0·12	0·02	1·26	0·92	0·04	...
		Sadr Station ...	...	...	...	...	...	...	...	...	...	0·50	3·45	0·05	...	...	0·28	0·16	0·72	0·50	...	...
		Hoshiarpur ...	...	...	...	...	...	...	...	...	...	0·45	3·36	0·05	...	...	0·25	0·07	0·82	0·50	...	...
	Gurdaspur.	Aliwal *C* ...	...	...	...	...	...	...	...	...	...	0·22	1·48	...	...	...	0·30	...	0·61	1·20	...	...
		Batala ...	...	...	...	...	...	...	...	...	...	0·42	1·25	...	...	...	0·21	...	0·71	1·02	...	...
		Tibri *C* ...	...	...	...	...	...	0·05	...	...	...	0·20	2·65	0·05	...	...	0·10	0· 0	0·9[illegible]	1·10	0·20	...
		Gurdaspur ...	...	...	...	...	...	...	...	...	...	0·41	3·25	0·02	...	...	0·19	0·08	1·15	1·23	0·15	...
		Pathankot ...	...	...	...	...	...	...	...	...	...	0·37	3·23	0·11	...	...	0·2[illegible]	0·30	0·61	0·90	0·26	...
						H	H.					S.	S.		S.H.			S.	S.	S.		
		Dalhousie ...	...	...	R.	0·10	0·08	...	...	...	0·60	2·75	1·66	0·15	0·30	0·75	0·44	0·71	2·47	0·81	...	...
		Madhopur *C* ...	...	...	...	...	...	...	...	...	...	0·20	2·4	0·20	...	...	0·40	0·40	0·55	1·25	0·25	...
		Shakargarh ...	...	...	...	...	...	...	...	...	...	0·30	1·94	0·03	...	...	0·62	0·04	1·03	1·04	0·10	...
	Amritsar.	Buchar *C* ...	...	...	...	...	...	...	...	...	...	0·35	1·81	0·15	...	...	0·50	...	1·06	0·85	0·10	...
		Khara *C* ...	...	...	...	...	...	...	...	...	...	0·95	1·42	...	...	...	0·57	...	0·70	1·32	0·10	...
		Tarn Taran ...	...	...	...	...	...	...	...	...	...	0·33	1·60	0·18	...	...	1·06	...	0·50	1·00	0·12	...
		Raya *C* ...	...	...	...	...	...	...	...	...	...	0·62	1·21	...	...	...	0·15	...	1·22	0·53	...	...
		Amritsar Jail Hospital.	...	...	...	...	...	...	...	...	...	0·30	2·28	0·15	...	...	0·63	...	...	1·13	0·21	...
		Amritsar *C* ...	...	...	...	..	...	...	...	...	...	0·21	2·20	0·23	...	...	0·60	...	1·15	1·07	0·23	...
		Buggeh *C* ...	...	...	...	...	...	...	...	...	...	0·45	4·00	...	...	...	0·70	...	1·10	1·40	...	...
		Ajnala ...	...	...	...	...	...	...	...	...	...	0·28	2·00	...	...	...	0·53	0·21	·37	0·96	...	...
Punjab, Hill Division.	Simla.	Kasauli ...	...	...	...	...	...	...	...	...	...	0·30	2·54	0·40	0·85	...	0·26	..	...	0·70	0·16	...
		Barauli ...	...	...	...	...	...	...	...	...	0·50	2·10	0·22	...	...	0·10	...	0·30	0·80	0·43	..	...
		Simla ...	...	0·32	...	...	...	·02	·02	·02	...	0·41	1·21	0·22	0·18	0·17	0·13	0·02	0·72	1·14	0·62	...
		Kot Khai ...	...	...	...	...	...	...	...	1·96	1·16	...	...	...	...	...	0·20	0·23	0·20	0·79	...	...
		Kotgarh ...	...	...	...	...	...	...	...	...	1·00	1·50	0·30	...	0·20	0·15	0·12	0·35	...	...	...	...
		Kilba ...	Statement not received.																			
Punjab, North-Wts.	Kangra.	Plach ...	...	...	...	...	0·12	...	...	...	...	0·35	0·75	0·30	0·10	0·30	0·05	0·02	0·46	0·80	0·60	...
		Kulu ...	...	...	...	...	0·55	...	...	...	...	0·38	0·54	0·44	...	0·50	0·32	0·64	0·96	0·97	0·63	...
		Nagar ...	...	...	...	...	0·30	...	...	...	...	0·60	0·90	0·44	...	...	0·61	0·70	0·80	1·00	0·25	...
		Palampur ...	...	...	...	...	0·03	0·07	...	...	...	0·30	1·16	0·52	0·25	0·07	0·71	0·41	0·41	1·16	0·45	...
		Hamirpur ...	...	...	...	...	...	R.	0·98	...	...	0·27	1·60	...	0·48	0·46	0·55	0·08	0·50	0·63	0·47	...
		Dera ...	...	...	...	...	...	...	...	...	...	0·38	2·25	0·30	...	...	0·65	0·12	0·33	0·45	...	...
		Kangra ...	...	...	...	...	...	...	...	...	...	0·31	1·78	0·53	...	...	1·25	0·23	0·33	0·53	0·12	...
		Dharmsala ...	...	...	...	...	...	0·04	...	...	..	0·30	2·50	1·27	0·20	1·00	0·68	0·94	1·00	0·94	0·42	...
		Nurpur ...	...	...	...	...	...	...	...	...	...	0·36	0·54	0·42	...	...	0·76	0·21	0·56	1·45	0·54	...
	Gujranwala.	Ramnagar ...	...	...	...	...	...	...	...	...	...	0·57	...	...	...	0·73	...	1·44	0·35	0·36	...	...
		Wazirabad ...	...	...	...	...	...	...	...	...	...	...	1·15	0·47	...	...	0·98	1·40	0·61	0·45	0·03	...
		Gujranwala Sadr Kacheri.	...	...	...	...	...	...	...	...	0·30	1·02	0·28	...	...	...	0·40	1·52	0·43	...	...	...
		Shekhupura ...	...	...	...	...	...	...	...	...	...	...	0·50	1·20	...	...	0·40	1·00	0·77	0·30	...	...
		Hafizabad ...	...	...	...	...	...	...	...	...	...	...	0·37	...	0·65	...	0·82	2·16	0·48	·69	0·03	...
		Khangah Dogran *C*	...	...	...	...	...	...	...	...	0·14	0·11	0·07	...	...	0·94	3·17	0·34	0·55	·17	...	...
		Jalalpur *C* ...																		Ra	in g	aug
		Pacca Dalla *C* ...	...	...	...	...	...	..	...	...	...	0·2	....	...	...	0·7	...	1·7	0·3	0·1	...	...
		Firoz ...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	..	0·45	1·20	0·60	0·20	...	...
	Sialkot.	Zafarwal ...	...	...	...	...	...	...	...	...	...	0·11	1·31	0·03	...	...	0·31	0·41	1·11	0·61	...	...
		Pasrur ...	...	...	...	...	...	...	...	...	...	0·34	2·35	0·03	...	...	0·02	0·66	1·08	0·50	...	...
		Raya ...	...	...	...	...	...	...	...	...	...	0·15	1·93	...	...	...	0·30	0·72	1·57	0·73	0·33	...
		Daska ...	...	...	...	...	...	...	...	...	...	0·08	1·93	0·33	...	...	0·25	1·48	1·14	0·65	...	...
		Sialkot ...	...	...	...	...	...	...	...	...	...	0·14	1·63	0·07	...	...	0·14	0·67	1·56	0·63	0·02	...

Punjab for the month of February **1898—continued.**

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.				Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 28th February 1898.	Average rainfall from 1st October 1897 up to 28th February 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...				6	2·7	5·81	1·22	2·82	6·38	4·09	Dasuya	Hoshiarpur.	Punjab, Submontane—*concluded.*
...	...	...	...	...	...	...				9	2·8	6·04	1·42	3·39	6·61	4·26	Una		
...	...	...	...	...	...	...				5	2·5	7·30	1·23	4·11	7·78	4·33	Garhshankar		
...	...	...	...	...	...	...				6	2·9	5·66	1·46	3·45	6·17	4·68	**Sadr Station**		
...	...	...	...	...	...	...				5	?	5·50	?	3·36	6·09	?	Hoshiarpur		
...	...	...	...	...	...	...				5	2·6	3·81	0·93	1·48	4·58	3·02	Aliwal *C*	Gurdaspur.	
...	...	...	...	...	...	...				5	2·4	3·61	1·35	1·25	4·33	4·22	Batala		
...	...	...	...	...	...	...				7	2·6	5·45	1·42	2·65	6·20	4·56	Tibri *C*		
...	...	...	...	...	...	...				6	2·5	6·48	1·32	3·25	7·35	4·00	**Gurdaspur**		
...	...	...	...	...	...	...				8	3·0	6·00	2·19	3·23	6·91	6·18	Pathankot		
...	...	...	...	...	...	...				11	3·6	10·77	3·52	2·75	13·24	9·39	Dalhousie		
...	...	...	...	...	...	...				8	4·3	5·65	2·86	2·40	6·40	8·87	Madhopur *C*		
...	...	...	...	...	...	...				6	3·3	5·10	2·00	1·94	6·04	5·17	Shakargarh		
...	...	...	...	...	...	...				7	2·5	4·82	1·10	1·81	5·93	2·91	Buchar *C*	Amritsar.	
...	...	...	...	...	...	...				6	1·7	5·0[illegible]	0·50	1·42	5·48	1·47	Khara *C*		
...	...	...	...	...	...	...				7	2·2	4·79	0·97	1·60	5·42	2·76	Tarn Taran		
...	...	...	...	...	...	...				5	1·9	4·08	1·11	1·22	4·44	3·34	Raya *C*		
...	...	...	...	...	...	...				6	2·7	4·70	1·41	2·28	5·54	3·68	**Amritsar Jail Hospital.**		
...	...	...	...	...	...	...				7	?	5·69	?	2·20	6·40	?	Amritsar *C*		
...	...	...	...	...	...	...				5	2·6	7·65	1·38	4·00	8·10	3·33	Buggeh *C*		
...	...	...	...	...	...	...				6	1·9	5·35	0·90	2·00	6·13	2·60	Ajnala		
...	...	...	...	...	...	...				7	2·8	5·21	1·78	2·54	6·25	5·65	Kasauli	Simla.	Punjab, Hill Division.
...	...	...	...	...	...	...				7	3·9	4·45	2·22	2·10	5·76	6·27	Barauli		
...	...	...	...	...	...	...				10	2·9	5·20	1·48	1·21	6·73	5·28	**Simla**		
...	...	...	...	...	...	...				6	4·1	4·54	2·79	1·96	5·12	7·02	Kot Khai		
...	...	...	...	...	...	...				7	3·5	3·62	2·76	1·50	5·67	7·27	Kotgarh		
																	Kilba		
...	0·08	...	...	...	...	...				9	6·4	3·93	2·33	0·80	8·10	8·30	Plach	Kangra.	Punjab, North-West.
...	...	...	...	...	...	...				10	6·5	5·93	4·51	0·97	10·26	12·85	Kulu		
...	...	...	...	...	...	...				9	6·8	5·60	4·24	1·00	10·09	7·71	Nagar		
...	...	...	...	...	...	...				9	5·7	5·54	4·90	1·16	8·03	13·60	Palampur		
...	...	...	...	...	...	...				9	3·7	6·02	2·52	1·60	6·92	7·17	Hamirpur		
...	...	...	...	...	...	...				7	3·1	4·48	2·90	2·25	5·02	7·09	Dera		
...	...	...	...	...	...	...				8	3·9	5·08	2·52	1·78	6·10	7·20	Kangra		
...	...	...	...	...	...	...				10	5·9	9·29	4·18	2·50	11·46	11·83	**Dharmsala**		
...	...	...	...	...	...	...				8	3·9	4·84	3·58	1·45	5·56	9·89	Nurpur		
...	...	...	...	...	...	...				5	0·8	3·45	0·33	1·44	5·84	1·85	Ramnagar	Gujranwala.	
...	...	...	...	...	...	...				6	2·6	5·09	1·02	1·40	5·86	3·56	Wazirabad		
...	...	...	...	...	...	...				6	2·8	3·95	1·27	1·52	4·68	3·64	**Gujranwala Sadr Kacheri.**		
...	...	...	...	...	...	...				6	0·6	4·17	0·27	1·20	5·47	1·60	Shekhupura		
...	...	...	...	...	...	...				6	2·8	5·21	1·13	2·16	6·86	2·93	Hafizabad		
...	...	...	...	...	...	...				7	?	5·49	?	3·17	6·76	?	Khangah Dogran *C*		
yet	erec	ted.															Jalalpur *C*		
...	...	...	...	...	...	...				5	?	3·0	?	1·7	4·10	?	Pacca Dalla *C*		
...	...	...	...	...	...	...				5	?	2·60	?	1·20	3·80	?	Firoz		
0·52	...	...	...	...	...	...				7	2·6	4·41	1·66	1·31	5·22	4·30	Zafarwal	Sialkot.	
...	...	...	...	...	...	...				5	2·9	4·98	1·61	2·35	5·56	4·46	Pasrur		
...	...	...	...	...	...	...				7	2·1	5·73	1·04	1·93	6·19	3·09	Raya		
...	...	...	...	...	...	...				6	2·9	5·86	1·51	1·93	6·76	3·85	Daska		
...	...	...	...	...	...	...				6	3·3	4·91	1·79	1·68	5·89	4·49	**Sialkot**		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, North-West—concluded.	Gujrat.	Sadr (Gujrat) ...	...	...	...	...	...	...	...	...	...	...	1·30	0·31	...	...	0·40	1·12	0·90	0·80	0·10	...	...
		Kharian ...	...	...	...	...	...	...	...	...	...	0·18	1·05	0·07	...	...	0·46	0·62	0·45	0·94	0·26	...	...
		Phalia ...	...	...	...	...	...	...	...	...	...	...	0·59	0·05	...	...	0·52	0·52	0·62	0·21	...	...	...
	Jhelum.	Pind Dadan Khan...	...	...	...	...	...	...	...	...	...	...	0·56	0·34	...	...	0·75	0·45	0·88	0·45	0·04	...	...
		Sadr Station (Jhelum)	...	...	...	...	...	...	...	...	...	...	1·45	0·02	...	...	0·27	0·70	0·39	0·91	0·10	...	...
		Chakwal ...	...	...	...	...	...	...	...	...	...	...	0·38	0·18	...	...	0·75	0·72	0·85	0·39	0·43	...	...
		Talagang ...	...	...	...	...	...	...	...	...	...	...	0·25	...	...	...	0·61	0·52	0·56	0·38	0·06	...	...
	Rawalpindi.	Pindigheb ...	...	...	...	...	...	...	...	...	...	...	0·53	...	...	...	1·11	1·03	0·28	0·32	...	...	...
		Fatahjang ...	...	...	...	...	...	...	...	...	...	...	0·65	...	...	...	0·75	0·70	1·54	0·21	...	...	...
		Attock ...	0·11	...	...	...	...	...	...	...	...	...	0·77	0·19	...	0·06	0·59	0·96	1·01	0·25	...	...	...
		Rawalpindi ...	...	...	...	...	...	...	...	...	...	0·58	0·10	...	...	...	0·50	0·30	0·87	0·69	...	...	...
		Gujar Khan ...	...	...	...	...	...	...	...	...	...	0·83	0·13	...	0·40	0·35	0·33	0·34	1·20	...	...	...	...
		Kahuta ...	...	...	...	...	...	...	...	...	...	...	0·75	0·09	...	...	0·62	0·23	0·76	0·68	...	...	...
		Murree ...	...	...	...	...	...	0·20	...	...	...	0·10	0·45	0·06	0·09	0·20	0·60	1·10	1·90	1·10	...	...	...
	Peshawar.	Swabi ...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	0·29	0·48	1·40	0·55	0·20	...	...	...
		Lahor (Utman Bolak)	0·08	...	...	...	...	...	...	...	...	...	0·48	0·03	0·17	0·50	0·25	1·00	0·20	...	...	...	...
		Nowshera ...	0·07	...	...	...	...	...	...	...	...	...	0·81	0·06	...	...	1·3	0·90	0·45	0·64	...	...	...
		Mardan ...	0·28	...	...	...	...	...	...	...	...	...	0·70	0·15	0·02	...	0·64	0·69	0·50	0·49	...	...	...
		Katlang ...	...	...	...	...	...	...	...	...	...	...	0·55	0·15	...	0·20	0·20	0·64	...	...	...	...	...
		Hashtnagar (Charsadda.)	0·08	...	...	...	...	...	...	...	...	...	0·50	0·11	...	...	0·87	0·49	0·24	0·16	...	...	...
		Nabakki ...	0·14	...	...	...	...	...	...	...	...	...	0·40	0·10	...	0·27	1·00	0·28	0·11	0·35	...	...	...
		Peshawar ...	0·16	...	...	...	...	...	...	...	...	...	0·22	...	...	...	0·95	0·24	0·32	0·42	...	...	...
		Abazai *C* ...	0·20	...	...	...	...	...	...	...	...	...	0·20	...	...	0·10	1·25	0·35	0·10	0·05	...	...	...
		Khan Mahi *C* ...	0·10	...	...	...	...	...	...	...	...	...	0·30	0·05	...	...	0·35	0·60	...	0·10	...	...	...
		Para Chinar (Kurram)	...	...	...	...	...	...	0·05	...	...	...	...	...	...	0·26	0·83	0·76	0·04	...	...	...	...
	Hazara.	Abbott-abad ...	0·67	0·05	...	...	...	0·15	...	...	...	...	0·64	0·25	0·51	0·35	0·51	0·91	1·20	0·47	...	...	...
		Mansahra ...	0·70	...	...	...	...	...	...	...	...	...	0·83	0·13	...	...	0·35	0·70	0·97	0·31	...	...	...
		Haripur ...	0·43	...	...	...	...	...	...	...	...	...	0·44	0·09	...	...	0·47	0·59	1·23	0·14	...	...	...
	Kohat.	Kohat ...	...	...	...	...	...	...	...	...	...	...	0·37	...	...	0·24	1·36	0·54	0·34	0·30	...	...	...
		Hangu ...	...	...	...	...	...	...	...	0·05	...	...	...	...	...	0·22	1·56	0·43	0·56	0·46	...	...	...
		Thal ...	...	...	...	...	...	...	...	...	...	...	...	...	1·20	1·25	0·29	1·14	0·12	...		...	...
		Banda Daud Shah...	...	...	...	...	...	...	...	...	0·29	...	0·34	...	...	1·54	0·10	0·40	0·44	...	...	...	...
		Khushalgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, West.	Bannu.	Mianwali ...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	1·0	1·18	...	0·28	...	...	...
		Isa Khel ...	...	...	...	...	...	...	...	...	...	...	0·55	0·01	...	...	0·97	1·37	0·04	0·80	...	...	...
		Bannu ...	...	...	...	...	...	...	...	...	...	...	0·07	...	...	0·50	0·95	0·76	0·09	0·03	...	...	...
		Marwat ...	...	...	...	...	...	...	...	...	...	...	0·28	...	...	0·80	0·82	0·85	...	...	...	...	...

Punjab for the month of February 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.				Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 28th February 1898.	Average rainfall from 1st October 1897 up to 28th February 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...				7	3·3	4·93	1·40	1·30	6·13	4·40	**Sadr (Gujrat)**	Gujrat.	Punjab, North-West—*concluded*.
...	...	...	...	...	...	...				7	3·1	4·03	1·52	1·05	5·85	4·71	Kharian		
...	...	...	...	...	...	...				5	2·8	2·54	1·25	0·62	4·24	3·48	Phalia		
...	...	...	...	...	...	...				6	2·1	3·47	1·05	0·88	5·25	3·54	Pind Dadan Khan	Jhelum.	
...	...	...	...	...	...	...				6	2·7	3·84	0·96	1·45	7·13	4·16	**Sadr Station (Jhelum)**		
...	...	...	...	...	...	...				7	2·7	3·70	0·98	0·85	5·74	3·05	Chakwal		
...	...	...	...	...	...	...				5	2·3	2·38	1·25	0·61	3·91	3·54	Talagang		
...	...	...	...	...	...	...				5	2·5	3·27	0·99	1·11	5·12	3·56	Pindigheb	Rawalpindi.	
...	...	...	...	...	...	...				5	2·7	3·85	1·35	1·54	6·43	5·39	Fatahjang		
...	...	...	...	...	...	...				7	2·8	3·94	1·19	1·01	6·43	4·81	Attock		
...	...	...	...	...	...	...				6	4·0	3·04	2·11	0·87	6·06	6·77	**Rawalpindi**		
...	...	...	...	...	...	...				7	2·9	3·58	1·15	1·20	5·91	5·90	Gujar Khan		
...	...	...	...	...	...	...				5	2·5	[illegible]·13	1·61	0·76	5·50	6·80	Kahuta		
...	...	...	...	...	...	...				8	1·0	5·80	1·38	1·90	10·09	5·64	Murree		
...	...	...	...	...	...	...				6	2·1	3·42	1·19	1·40	5·85	4·72	Swabi	Peshawar.	
...	...	...	...	...	...	...				6	2·4	2·71	1·48	1·00	4·86	4·97	Lahor (Utman Bolak)		
...	...	...	...	...	...	...				5	2·2	4·25	1·35	1·32	6·23	4·58	Nowshera		
...	...	...	...	...	...	...				7	2·4	3·47	1·49	0·70	5·84	4·54	Mardan		
...	...	...	...	...	...	...				5	1·8	1·74	1·08	0·64	1·99	4·08	Katlang		
...	...	...	...	...	...	...				6	1·6	2·45	1·11	0·87	3·81	3·75	Hashtnagar (Charsadda.)		
...	...	...	...	...	...	...				8	1·9	2·65	1·21	1·00	4·08	3·90	Nabakki		
...	R.	...	...	...	...	...				6	2·6	2·31	1·00	0·95	3·66	3·71	**Peshawar**		
...	...	...	...	...	...	...				6	?	2·25	?	1·25	3·15	?	Abazai *C*		
...	...	...	...	...	...	...				5	?	1·50	?	0·60	2·35	?	Khan Mahi *C*		
...	...	...	...	...	...	...				3	?	1·94	?	0·83	3·63	?	Para Chinar (Kurram)		
...	...	...	...	...	...	...				10	6·0	5·71	4·12	1·20	9·73	10·55	**Abbott-abad**	Hazara.	
...	...	...	...	...	...	...				7	5·2	3·99	2·93	0·97	7·75	9·72	Mansahra		
...	...	...	...	...	...	...				6	4·6	3·39	2·42	1·23	5·29	7·57	Haripur		
...	...	...	...	...	...	...				6	2·9	3·15	1·25	1·36	4·38	4·28	**Kohat**	Kohat.	
...	...	...	...	...	...	...				5	?	3·28	?	1·56	4·05	?	Hangu		
...	...	...	...	...	...	...				5	?	4·00	?	1·25	5·14	?	Thal		
...	...	...	...	...	...	...				6	?	3·11	?	1·54	3·75	?	Banda Daud Shah		
...	...	...	...	...	...	...				0	?	0	?	0	0	?	Khushalgarh		
...	...	...	...	...	...	...				4	1·3	3·46	0·45	1·18	4·16	1·91	Mianwali	Bannu.	Punjab, West.
...	...	...	...	...	...	...				4	1·7	3·74	0·91	1·37	4·31	2·[illegible]5	Isa Khel		
...	...	...	...	...	...	...				3	1·9	2·40	0·68	0·95	3·29	1·97	**Bannu**		
...	...	...	...	...	...	...				4	1·0	2·75	0·32	0·85	3·00	1·85	Marwat		

Table of Rainfall recorded at Stations in

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab, West—concluded.	Shahpur.	Midh ...	...	...	...	...	...	...	...	...	...	0·40	...	...	...	1·00	1·75	...	0·50	...	...	...
		Sahiwal ...	...	...	...	...	...	...	...	...	...	...	0·25	...	...	0·30	0·80	...	0·15	...	...	...
		Nurpur ...	...	...	...	...	...	...	...	...	...	...	0·60	...	...	0·58	...	...	0·55	...	...	...
		Mitha Tiwana ...	...	...	...	...	...	...	...	...	...	...	0·25	...	...	...	0·25	0·25	...	...	...	...
		Sakesar ...	...	...	...	...	...	...	...	...	...	...	3·28	...	...	...	...	3·31	...	...	...	...
		Naushahra ...	...	...	...	...	...	...	...	...	...	1·15	0·10	...	...	0·50	0·91	...	0·73	...	...	...
		Khushab ...	...	...	...	...	...	...	...	...	...	...	0·71	...	...	...	0·34	0·48	...	0·21	...	...
		Shahpur ...	...	...	...	...	...	...	...	...	...	...	0·70	...	...	...	0·40	0·75	0·10	0·15	...	...
		Bhera ...	...	...	...	...	...	...	...	...	...	0·41	0·3[illegible]	...	...	0·57	0·75	0·25	0·27	0·70	...	...
		Miani ...	...	...	...	...	...	...	...	...	...	...	0·46	0·54	...	...	0·60	0·51	0·25	0·48	0·12	...
	Jhang.	Shorkot ...	...	...	...	...	...	...	...	...	...	0·94	...	...	...	...	0·33	0·31	...	...	...	...
		Jhang ...	...	...	...	...	...	...	...	...	...	0·30	0·21	...	...	...	0·45	0·21	...	...	...	...
		Chiniot ...	...	...	...	...	...	...	...	...	...	0·24	0·09	...	...	...	0·62	0·97	0·05	0·33	0·03	...
		Badwali *C* ...	...	...	...	...	...	...	...	...	...	0·10	...	...	...	0·50	...	1·30	0·30	...	...	...
		Tarkhani *C* ...	...	...	...	...	...	...	...	...	...	0·50	...	...	...	...	0·30	0·50	0·10	...	...	...
		Muridwala *C* ...	...	...	...	...	...	...	...	...	...	0·89	...	...	0·90	...	...	0·30	0·20	...	...	...
		Khewra *C* ...	...	...	...	...	...	...	...	...	...	0·70	...	...	...	0·30	0·70	...	...	...	...	...
		Lalkani *C* ...	...	...	...	...	...	...	...	...	0·20	0·50	...	...	...	0·40	0·70	...	...	...	...	...
		Lyallpur *C* ...	...	...	...	...	...	...	...	...	...	0·60	...	...	0·10	...	...	1·30	0·10	...	...	...
	D. I. Khan.	Tank ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·40	...	0·80	...	...	...	...
		Kulachi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·57	0·52	0·51	...	...	...	...
		Dera Ismail Khan ...	...	...	...	...	...	...	...	...	...	...	...	1·16	...	1·27	1·43	0·86	...	...	...	...
		Bhakkar ...	...	...	...	...	...	...	...	...	...	...	0·23	...	...	0·52	0·87	0·41	...	0·08	...	...
		Leiah ...	...	...	...	...	...	...	...	...	...	...	0·51	...	...	0·35	0·16	0·50	...	...	...	...
		Shekh Budin ...	...	...	...	...	...	...	...	...	...	...	0·49	...	...	...	2·50	1·30	...	...	...	...
	D. G. Khan.	Sanghar ...	...	...	...	...	...	...	...	...	...	...	0·08	...	...	0·35	0·41	0·51	...	0·08	...	...
		Dera Ghazi Khan ...	...	...	...	...	...	...	...	...	0·27	0·07	...	...	0·37	0·06	0·03	...	...	...	...	...
		Fort Munro ...	...	...	...	...	...	...	...	...	R.	...	...	...	0·28	0·28	0·12	...	...	...	...	...
		Jampur ...	...	...	...	...	...	...	...	...	0·35	0·05	...	...	...	0·30	...	...	...	...	...	...
		Rajanpur ...	...	...	...	...	...	...	...	...	...	0·32	0·10	...	...	0·13	...	...	...	...	...	...
	Muzaffargarh.	Alipur ...	...	...	...	...	...	...	...	...	...	1·10	0·11	...	...	0·14	...	...	...	...	...	...
		Muzaffargarh ...	...	...	...	...	...	...	...	...	...	0·85	0·29	...	...	0·16	0·05	...	...	...	...	...
		Sinanwan ...	...	...	...	...	...	...	...	...	...	0·17	0·27	...	0·16	0·46	...	...	...	...	...	...
	Mooltan.	Mailsi ...	...	...	...	...	...	...	...	...	1·22	0·02	...	...	...	0·05	...	...	...	...	...	...
		Lodhran ...	...	...	...	...	...	...	...	...	...	1·40	...	...	...	0·11	...	0·20	...	...	...	...
		Shujabad ...	...	...	...	...	...	...	...	...	...	1·37	0·06	...	...	0·07	...	...	...	...	...	...
		Mooltan ...	...	...	...	...	...	...	...	...	...	0·71	0·26	...	...	0·12	0·16	...	...	...	...	...
		Kabirwala ...	...	...	...	...	...	...	...	...	...	0·44	0·40	...	...	0·13	...	...	...	...	...	...

NOTE.—R denot
T do.
H do.
S do.

Punjab for the month of February 1898—concluded.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.				Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 28th February 1898.	Average rainfall from 1st October 1897 up to 28th February 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...				4	1·	3·65	0·46	1·75	4·00	3·46	Midh	Shahpur.	Punjab, West—concluded.
...	...	...	...	...	...	...				4	1·6	1·50	0·46	0·80	2·50	1·98	Sahiwal		
...	...	...	...	...	...	...				3	1·0	1·73	0·48	0·60	2·65	1·36	Nurpur		
...	...	...	...	...	...	...				[illegible]	1·3	0·75	0·70	0·25	1·25	2·06	Mitha Tiwana		
...	...	...	...	...	...	...				2	0·3	6·59	0·18	3·31	9·73	0·59	Sakesar		
...	...	...	...	...	...	...				5	2·0	3·39	0·50	0·15	4·51	2·98	Naushahra		
...	...	...	...	...	...	...				4	1·7	1·74	0·77	0·77	3·49	1·89	Khushab		
...	...	...	...	...	...	...				5	1·9	2·10	1·21	0·75	3·85	2·73	**Shahpur**		
...	...	...	...	...	...	...				7	1·8	3·33	0·86	0·75	4·92	2·55	Bhera		
...	...	...	...	...	...	...				7	1·6	2·96	0·76	0·60	4·20	3·06	Miani		
...	...	...	...	...	...	...				3	1·1	1·58	0·42	0·94	2·27	1·03	Shorkot	Jhang.	
...	...	...	...	...	...	...				4	1·6	1·17	0·33	0·45	2·20	0·99	**Jhang**		
...	...	...	...	...	...	...				4	1·6	2·33	0·[illegible]6	0·97	3·54	1·37	Chiniot		
...	...	...	...	...	...	...				4	?	2·20	?	1·30	2·90	?	Badwali *C*		
...	...	...	...	...	...	...				4	?	1·40	?	0·50	2·35	?	Tarkhani *C*		
...	...	...	...	...	...	...				4	?	2·29	?	0·90	3·29	?	Muridwala *C*		
...	...	...	...	...	...	...				3	?	1·70	?	0·70	2·70	?	Khewra *C*		
...	...	...	...	...	...	...				4	?	1·80	?	0·70	2·60	?	Lalkani *C*		
...	...	...	...	...	...	...				4	?	2·10	?	1·30	3·50	?	Lyallpur *C*		
...	...	...	...	...	...	...				2	0·5	2·20	0·27	1·40	2·48	0·83	Tank	D. I. Khan.	
...	...	...	...	...	...	...				3	1·3	2·60	0·42	1·57	2·60	1·16	Kulachi		
...	...	...	...	...	...	...				4	1·8	4·72	0·56	1·43	4·95	1·43	**Dera Ismail Khan**		
...	...	...	...	...	...	...				4	1·0	2·11	0·47	0·87	2·40	1·16	Bhakkar		
...	...	...	...	...	...	...				4	1·1	1·52	0·37	0·51	1·72	1·00	Leiah		
...	...	...	...	...	...	...				3	?	4·29	?	2·50	4·69	?	Shekh Budin		
...	...	...	...	...	...	...				3	1·0	1·42	0·28	0·51	1·69	0·96	Sanghar	D. G. Khan.	
...	...	...	...	...	...	...				2	0·9	0·80	0·35	0·37	1·25	1·24	**Dera Ghazi Khan**		
...	...	...	...	...	...	...				3	0·2	0·68	0·10	0·28	1·23	0·63	Fort Munro		
...	...	...	...	...	...	...				2	0·5	0·70	0·16	0·35	1·17	0·52	Jampur		
...	...	...	...	...	...	...				3	0·3	0·55	0·12	0·32	0·84	0·35	Rajanpur		
...	...	...	...	...	...	...				3	0·6	1·35	0·38	1·10	2·05	0·79	Alipur	Muzaffar-garh.	
...	...	...	...	...	...	...				3	0·9	1·35	0·27	0·85	1·86	0·72	**Muzaffargarh**		
...	...	...	...	...	...	...				4	0·7	1·06	0·34	0·46	1·29	0·84	Sinanwan		
...	...	...	...	...	...	...				1	0·6	1·29	0·20	1·22	2·18	0·65	Mailsi	Mooltan.	
...	...	...	...	...	...	...				3	0·7	1·71	0·28	1·40	2·54	0·82	Lodhran		
...	...	...	...	...	...	...				1	0·7	1·50	0·24	1·37	2·04	0·62	Shujabad		
...	...	...	...	...	...	...				4	0·8	1·25	0·18	0·71	1·88	0·70	**Mooltan**		
...	...	...	...	...	...	...				3	0·9	0·97	0·25	0·44	1·75	0·71	Kabirwala		

slight rain.
thunder.
hail.
snowfall.

Snowfall report for February 1898.

The depth of snow at Murree and the hills adjacent to Kahuta was as follows :—

	Feet.	*Inches.*
Murree (Rāwalpindi District)	4	6½
Kahuta (Ditto)	12	0

P. D. SHROFF, *Supdt.,*

Office of Director of Land Records and Agriculture, Punjab.

PUBLIC WORKS DEPARTMENT,

Irrigation Operations of Fasl Rabi

CANALS.	WATER DISTRIBUTED DURING FEBRUARY 1898.			
	Depth in Canal at regulating gauge.		*Gross consumption, cubic feet per second.*	
	Full supply.	Actual throughout.	Estimated full supply.	Actual average throughout.
1	2	3	4	5
MAJOR IRRIGATION WORKS.				
SWAT RIVER CANAL	6·10	4·30	775	557
Total ...	...	...	775	557
WESTERN JUMNA CANAL. — **At Dádupur**	6·50	3·80	4,380	2,331
Main Line, Major Distributaries	...	...	...	51
Sirsa Branch	...	...	...	1,736
Delhi Branch	...	...	...	37
Hánsi Branch	...	...	...	322
Absorption and escapage between Dádupur and Indri...	...	...	...	167
Ditto Indri and Munak ...	...	...	...	18
Ditto Darbalya and Canal Tail.	...	...	...	...
Total ...	...	...	4,380	2,331
BARI DOAB CANAL. — **Head Gauge, Rapid No. 2**	4·01	2·22	4,146	1,713
Salampur Feeder	4·00	...	1,445	...
1st Division	...	...	5,591	587
2nd „ Main Branch Lower	4·60	1·40		63
3rd „ „ „ „		1·30		527
2nd „ Lahore Branch	3·35	1·60		529
Passed through escapes	...	...	...	7
Total ...	...	...	5,591	1,713
SIRHIND CANAL. — **Main Line**	9·26	6·98	6,000	3,913
Abohar Branch	5·06	4·77	2,052	1,334
Bhatinda Branch	5·97	4·57	1,788	982
Feeders	8·97	7·27	2,160	1,490
British Escapes	...	...	...	107
Total ...	...	...	6,000	3,913
Carried over ...	...	...	...	...

PUNJAB, IRRIGATION BRANCH.

of 1897-98 *up to* 28*th February* 1898.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck	Average	During month.	Name.	Area irrigated *during* February 1898.	Area irrigated *to end of* February 1898	Area irrigated *to end of* February 1897.	
6	7	8	9	10	11	12	13	14	15
Pesháwar ...	86,748	1	1·3	2·40	Wheat ...	466	52,546	49,124	The canal ran for 16 days.
					Barley ...	34.	17,958	12,059	
					Rape ...	1	3,422	2,25	
					Miscellaneous	...	14,792	9,567	
...	86,748	...	...	...	...	81.	86,748	73,00	
Umballa ...	1,942		0 8	6·00	Wheat ...	16,76.	188,180	172,320	
Karnál ...	88,48.		0 3	2 45	Barley ...	1,066	11,163	20,278	
Rohtak ...	77,43		0·7	1·51	Mixed grain...	1,196	35,025	38,242	
Delhi ..	37,960	20	0·51	2·42	Sarson ...	98	3,600	4,365	
Hissar ...	68,539		0·2	0·89	Gram ...	6,367	27,323	33,914	
Jínd ...	24,070		0·4	1 3.	Senji ...	— *12*	9	187	
Bikanir ...	539	...	...	...	Miscellaneous	— *8,078*	57,065	92,936	
Kalsia ...	1,204	...	...	...					
Patiála ...	22, 93	6	0·55	1 93					
...	322,365	...	...	...	...	18,281	(*a*) 322,365	362,242	
					Wheat ...	8,488	243,271	207,648	Canal closed at 15·30 on the 12th February 1898. The area irrigated to end of month is the highest on record.
					Barley ...	1,415	10,180	6,751	
Gurdáspur ...	23,102		1·7	4·98	Mixed grain...	3,998	42,252	24,921	
Amritsar ...	174,236	18	1·1	4·99	Sarson ...	2,165	7,584	6,30	
Lahore ...	255,724		0·9	4·06	Gram ...	— *265*	58,466	48,996	
					Senji ...	2,744	59,412	57,303	
					Miscellaneous	— *5,067*	31,897	25,472	
...	453,062	...	...	...	...	13,478	453,062	377,391	
Ludhiána ...	44,916	14	0·58	3·49	Wheat ...	4,628	195,997	200,342	Canal ran throughout the month. All crops have benefited by the rain.
Ferozepore ...	332,82		0·49	1·80	Barley ...	2,035	33,515	30,479	
Hissar ...	1,66	...	...	...	Mixed grain...	3,790	65,567	65,652	
Farídkot State	58,495	...	...	...	Sarson ...	384	23,558	31,237	
Patiála " ...	226,429				Gram ...	3,182	147,560	151,821	
Nábha " ...	48,382		0·57	2·14	Senji ...	104	11,849	15,595	
Jínd " ...	20,808	14			Miscellaneous	1,028	257,748	360,873	
Kalsia " ...	2,270								
...	735,794	...	...	...	...	15,151	(*b*)* 735,794	855,999	
...	1,597,969	...	...	...	...	47,720	1,597,969	1,668,635	

(*a*) Excludes 354 acres of kharif irrigation.
(*b*) Excludes 34,302 acres of kharif irrigation as follows :—

British Branches	...	18,873 acres.
Native States	...	15,429 "
		34,302 "

* Includes the following areas irrigated by Native States Branches, Sirhind Canal, *viz.*—

		During February 1898.	*To end of February 1898.*	*To end of February 1897.*
Patiála State ...	...	6,373 acres.	168,098 acres.	206,446 acres.
Nábha " ...	...	1,216 "	18,965 "	20,734 "
Jínd " ...	...	1,118 "	19,147 "	22,353 "
Total	...	8,707 "	206,210 "	249,533 "

Irrigation Operations of Fasl Rab

Canals.	Water distributed during February 1898.			
	Depth in Canal at regulating gauge.		*Gross consumption, cubic feet per second.*	
	Full supply.	Actual throughout.	Estimated full supply.	Actual average throughout.
1	2	3	4	5
Brought forward ...	...	...	...	...
MAJOR IRRIGATION WORKS—CONCLUDED.				
Chenab Canal.				
Main Line	9·60	7·98	8,313	4,577
Kot Nikka Branch	5·00	...	270	172
Miân Ali Branch	6·15	7·30	805	858
Rakh Branch	5·90	4·80	1,054	1,008
Jhang Branch { Upper	9·00	6·80	1,074	1,144
Jhang Branch { Lower	7·00	3·80	1,160	411
Bhawána Branch	6·00	5·10	434	325
Gugera Branch (for construction only)	...	...	...	279
Distributaries of Main Line	...	...	...	187
Loss in Main Line	...	...	...	193
Total Main Line ...	...	...	...	4,577
Escapage	...	...	...	119
Total ...	...	...	8,313	4,458
Lower Sohag and Para Canal	10·00	...	3,380	...
Total ...	...	...	3,380	...
Sidhnai Canal	7·00	0·80	1,450	128
Total ...	...	...	1,450	128
Abstract—Major Irrigation Works—				
Swat River Canal	...	...	...	...
Western Jumna Canal	...	...	...	...
Bári Doáb Canal	...	...	...	...
Sirhind Canal	...	...	...	...
Chenab Canal	...	...	...	...
Lower Sohág and Pára Canal	...	...	...	...
Sidhnai Canal	...	...	...	...
Total Major Irrigation Works	...	...	...	...

of 1897-98 *up to 28th February* 1898—continued.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* February 1898.	Area irrigated *to end of* February 1898.	Area irrigated *to end of* February 1897.	
6	7	8	9	10	11	12	13	14	15
...	1,597,969	...	...	...	...	47.720	1,597,969	1,668,635	
					Wheat ...	14,945	370,265	237,451	The canal ran throughout the month.
					Barley ...	1,191	18,978	8,578	
Gujránwála ...	167,397	...	...	2·80	Mixed grain...	...	...	105	
Jhang ...	321,503	...	...	2·90	Sarson ...	280	50,226	36,685	
					Gram ...	45	4,820	3,550	
					Senji ...	1,126	6,676	2,832	
					Miscellaneous	1,296	37,935	26,064	
...	488,900	...	...	...	...	18,883	* 488,900	315,265	
					Wheat ...	...	19,536	12,535	
					Barley ...	...	1,162	475	
					Mixed grain..	...	8,340	3,045	
Montgomery	48,665	4	0·80	0·87	Sarson ...	...	...	...	
					Gram ...	...	10,675	3,191	
					Senji ...	...	..	...	
					Miscellaneous	...	8,952	8,594	
...	48,665	...	...	...	...	...	48,665	27,840	
					Wheat ...	8,445	43,678	11,208	
					Barley ...	239	892	173	
					Mixed grain	305	1,888	1,601	
Mooltan ...	88,688	36	0·39	0·97	Sarson ...	1	292	15	
					Gram ...	1,157	4,169	806	
					Senji ...	26[illegible]	359	7	
					Miscellaneous	1,164	6,169	5,914	
					Rawni ...	— *11,579*	31,241	3,741	
...	88,688	...	...	...	...	...	88,688	23,465	
...	86,748	...	...	...	...	810	86,748	73,003	
...	322,365	...	...	...	...	18,281	322,365	362,242	
...	453,062	...	...	...	...	13,478	453,062	377,391	
...	735,794	...	...	...	...	15,151	735,794	855,999	
...	488,900	...	...	...	...	18,883	488,900	315,265	
...	48,665	...	...	...	...	...	48,665	27,840	
...	88,688	...	...	...	...	...	88,688	23,465	
...	2,224,222	...	...	...	...	66,603	2,224,222	2,035,205	

* Of this, 130,133 acres are free of charge.

Irrigation Operations of Fasl Rabi

	Canals.	Water distributed during February 1898. Depth in Canal at regulating gauge. Full supply.	Actual throughout.	Gross consumption, cubic feet per second. Estimated full supply.	Actual average throughout.
	1	2	3	4	
	Total Major Irrigation Works brought forward ...	...	...	...	...
	MINOR IRRIGATION WORKS.				
Upper Sutlej Canals.	Katora Canal	10·00	...	1,430	...
Upper Sutlej Canals.	Khánwah "	10·00	...	4,530	...
Upper Sutlej Canals.	Upper Sohág "	10·00	...	2,510	...
	Total ...	...	...	8,470	...
Shahpur Canals (Imperial).	Eastern Station Canal	3·00	Dry.	104	Dry.
Shahpur Canals (Imperial).	Western " "	3·00	"	64	"
Shahpur Canals (Imperial).	Sáhiwál Canal	3·00	"	110	"
	Total ...	...	...	...	...
	Lower Sutlej and Chenab Canals	...	...	...	...
	Indus Canals	...	...	...	...
	Muzaffargarh Canals	...	...	...	...
Ghaggar Canals.	Dhanaur Weir upstream	8·00	...	...	...
Ghaggar Canals.	Discharge site below Weir	15·00	...	...	...
Ghaggar Canals.	Northern Canal Head	7·00	...	566	...
Ghaggar Canals.	Southern Canal Head	6·50	...	434	...
Ghaggar Canals.	Kassaban Minor Head	4·20	...	40	...
Ghaggar Canals.	Abholi Minor Head	3·50	...	20	...
Ghaggar Canals.	Mangala Minor Head	...	...	...	...
Ghaggar Canals.	*Bikaner Border.*				
Ghaggar Canals.	Northern Canal	6·00	...	283	...
Ghaggar Canals.	Southern Canal	5·00	...	217	...
	Total ..	...	...	...	...
	Abstract—Minor Irrigation Works—				
	Upper Sutlej Canals	...	...	...	...
	Shahpur Canals (Imperial)	...	...	...	...
	Lower Sutlej and Chenab Canals ...	...	...	...	...
	Indus Canals	...	...	...	...
	Muzaffargarh Canals	...	...	...	...
	Ghaggar Canals	...	...	...	...
	Total ...	...	...	...	...
Shahpur Canals (Provincial).	Raniwah West Canal	...	...	...	...
Shahpur Canals (Provincial).	" East "	...	...	...	...
Shahpur Canals (Provincial).	Corbynwah Canal	...	...	...	...
	Total ...	...	...	...	...
	Total Major Irrigation Works	...	...	...	...
	Total Minor Irrigation Works	...	...	...	...
	Total Major & Minor Irrigation Works (Imperial)	...	...	...	...
	Shahpur Canals (Provincial)	...	...	...	...
	GRAND TOTAL	...	...	...	...

LAHORE:
The 21*st March* 1898.

of 1897-98 *up to* 28*th February* 1898—concluded.

LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				
Zillah.	Acres.	Number of years on which average is struck.	Average	During month.	Name.	Area irrigated *during* February 1898.	Area irrigated *to end of* February 1898.	Area irrigated *to end of* February 1897.	REMARKS.
6	7	8	9	10	11	12	13	14	15
...	2,224,222	...	...	...	...	66,603	2,224,222	2,035 205	
Lahore ... Montgomery	19,080 51,246	4 ...	1·33 ...	2·5[illegible] ...	Wheat ... Barley ... Mixed grain... Sarson ... Gram ... Senji ... Miscellaneous	... ...	21,898 1,550 18,380 ... 15,770 ... 12,728	24,642 946 5,248 1 5,167 ... 13,007	
...	70,326	...	...	...	...	...	70,326	49,011	
Shahpur ...	23,665	8	0·51	2·1[illegible]	Wheat ... Barley ... Mixed grain... Sarson ... Gram ... Senji ... Miscellaneous	1,642	23,665	17,086	Canals closed.
...	23,665	...	...	...	...	1 642	23,665	17,086	
Mooltan ... D. G. Khan... Muzaffargarh	295,035 49,994 172,330	36 1[illegible] 5	0·35 0·60 0·56	1·25 0·8[illegible] 1·35	... ...	... ...	295,035 49,994 172,330	234,335 43,726 173,030	Crops in good condition, and have been much benefited by rain during the month.
Hissar ... Bikaner State	8,800 3,850	... ...	... ...	... ...	Wheat ... Barley ... Mixed grain... Sarson ... Gram ... Senji ... Miscellaneous	... ...	2,703 258 ... 312 66 ... 9,311	... ...	
...	12,650	...	...	...	...	...	12,650	...	
... ...	70,326 23,665 295,035 49,994 172,330 12,650	... ...	... ...	... ...	... ...	... 1,642	70,326 23,665 295,035 49,994 172,330 12,650	49,011 17,086 234,335 43,726 173,030 ...	
...	624,000	...	...	...	...	1,642	624,000	517,188	
Shahpur ...	8,069	8	0·60	3·33	Wheat ... Barley ... Mixed grain... Sarson ... Gram ... Senji ... Miscellaneous	−3,742	8,069	3,999	Canals closed.
...	8,069	...	...	...	...	−3,742	8,069	3,999	
... ...	2,224,222 624,000	... ...	... ...	... ...	... ...	66,603 1,642	2,224,222 624,000	2,035,205 517,188	
...	2,848,222	...	...	...	...	68,245	2,848,222	2,552,393	
...	8,069	...	...	...	...	−3,742	8,069	3,999	
...	2,856,291	...	...	...	...	64,503	2,856,291	2,556,392	

L. M. JACOB,
Under-Secretary to Government, Punjab,
P. W. D., Irrigation Branch.

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF JANUARY 1898.

Month.	Documents registered.			Total collections, inclusive of copying fees.	Total expenditure, inclusive of that paid out of copying fees.	Remarks.
	Compulsory.	Optional.				
		Relating to immoveable property.	Others.			
				Rs.	Rs.	
January 1898	8,700	4,106	828	32,896	9,987	
January 1897	10,885	6,539	1,052	43,692	11,863	
Difference ...	— 2,185	— 2,433	— 224	— 10,796	— 1,876	
First ten months of 1897-98 ...	92,815	44,499	7,750	3,44,505	1,04,906	
First ten months of 1896-97 ...	82,198	41,552	8,925	3,25,521	99,320	
Difference ...	+ 10,617	+ 2,947	— 1,175	+ 18,984	+ 5,586	

OFFICE OF INSP. GENL. OF REGTN., PUNJAB, LAHORE:
The 12th March 1898.

G. C. WALKER,
Inspector-General of Registration, Punjab.

Punjab Government Press, Lahore—24-3-98—690.

No. 13 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MARCH 31, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 29th MARCH 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	...	1. Sufficient ... 2. Good ...	Wheat 13 seers ... Gram 19 seers. Bájra 23 seers.	Gram crops being reaped. Prospects fair to good.	...
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Rising. Wheat 13 seers. Gram 14 seers. Bájra 20 seers.	Crops in good condition. Outturn is expected to be below average on dry land.	...
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 15 to 16 seers. Gram 15 to 15½ seers. Maize 25¾ seers.	Crops in good condition. Extra spring crops mostly sown.	...
4	Jullundur ...	...	1. Sufficient ... 2. Good.	Wheat 17 seers. Gram 18 seers. Maize 26 seers.	Crops in good condition. Extra spring crops being sown.	...
5	Ferozepore ...	...	1. Sufficient ...	Wheat 14 seers ... Gram 16 seers. Barley 20 seers. Jowár 20 seers. Bájra 19 seers. Maize 20 seers.	Crops in good condition.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
6	Mooltan ...	...	1. Sufficient ... 2. Good.	Wheat, 2nd quality, 12½ seers.	Crops in good condition. Locusts passed through certain villages of Shujabád Tahsíl, but did no damage.	...
7	Lahore ...	...	1. Sufficient ... 2. Good.	Falling. Wheat 14¼ to 16 seers. Maize 20 to 23 seers.	Reapings of rapeseed and barley in progress. Crops generally in good condition.	Ploughings commenced.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 16 seers ... Maize 23½ seers.	Crops in good condition. Extra spring sowings in progress.	...
9	Siálkot ...	...	1. Green fodder sufficient. 2. Good.	Wheat 14¼ to 15¼ seers. Rice 10 to 11 seers.	Crops promising on irrigated lands.	Ploughings in progress.
10	Shahpur ...	...	1. Ample ...	Wheat 15 to 16½ seers. Bájra 18 to 21 seers.	Crops promising. Locusts still present, but no damage reported.	...
11	Ráwalpindi ...	0·07 at Ráwalpindi 0·50 in Murree.	1. Sufficient ...	Wheat 17½ seers ... Bájra 20 seers. Maize 25 seers.	Prospects excellent.	...
12	Peshávar ...	...	1. Sufficient ... 2. Good.	Wheat $14\frac{10}{16}$ seers. Maize $24\frac{14}{16}$ seers.	Sowings of Extra spring crops in progress. Condition of crops good.	Sugarcane sowings commenceed.
13	D. I. Khan ...	...	1. Sufficient ... 2. Good.	Wheat 17 seers ... Bájra 22½ seers.	Condition of standing crops good. Locusts passed over the Leiah and Dera Tahsíls, but did no damage. Sowings of extra spring crops in progress.	Cotton sowings commenced.

GENERAL REMARKS.

Rainfall.—Slight rain has fallen in parts of Ráwalpindi.

Prices.—Rising in Delhi and Peshávar; falling in Jullundur, Lahore, Amritsar, Siálkot, Ráwalpindi and Dera Ismail Khan, unchanged elsewhere.

Wheat is selling from 12½ to 17½, gram 14 to 19, bulrush millet 18 to 23, maize 20 to 26, barley 20, great millet 20 and rice 10 to 11 seers per rupee.

Agricultural operations.—Harvesting of rapeseed, gram and barley going on. Sowings of extra spring crops as well as of cotton and sugarcane in progress.

Crops and outturn.—Condition and prospects of standing crops are generally good. Outturn of spring crops is expected to be below average on lands dependent on rain in Delhi.

Damage done to crops.—Locusts appeared in parts of Shahpur, Mooltan and Dera Ismail Khan, but did no damage.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient throughout the Province.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 12TH MARCH 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	3	5	8	17	7	10	...	...	...	9	1	...	7	2	1	3	25	53	1
2		Hansi ...	15,190	3	3	6	5	2	3	...	...	...	3	...	...	2	...	1	1	21	17	2
3		Bhiwani ...	35,487	5	6	11	18	7	11	...	...	...	10	...	...	8	...	4	4	16	26	3
4		Sirsa ...	16,415	1	8	9	9	4	5	...	...	...	8	...	...	1	2	...	2	29	29	4
5	Rohtak ...	Rohtak ...	16,191	2	5	7	6	4	2	...	...	...	1	1	...	4	...	1	1	23	19	5
6		Jhajjar ...	11,881	1	4	5	8	4	4	...	...	...	6	...	...	2	1	3	4	22	35	6
7	Gurgaon ...	Rewari ...	27,934	9	7	16	12	7	5	...	...	...	5	...	...	7	1	...	1	30	22	7
8		Palwal ...	11,227	2	5	7	10	7	3	...	...	...	7	...	...	3	2	1	3	33	46	8
9	Delhi ...	Delhi ...	189,648	37	50	87	93	55	38	...	...	...	56	1	...	35	18	10	28	24	26	9
10		Sonepat ...	12,611	2	2	4	1	1	...	...	...	...	1	...	...	...	...	...	...	17	4	10
11	Karnal ...	Karnal ...	21,530	7	5	12	10	3	7	...	...	...	6	2	...	2	1	2	3	29	24	11
12		Kaithal ...	15,768	2	4	6	4	1	3	...	...	...	3	...	...	1	1	2	3	20	13	12
13		Panipat ...	27,547	10	11	21	12	5	7	...	...	...	6	...	...	6	1	3	4	40	23	13
14		Shahabad ...	11,473	10	11	21	8	4	4	...	...	...	6	1	...	1	2	1	3	95	36	14
15	Umballa ...	Umballa ...	26,856	10	11	21	13	4	9	...	...	...	4	...	...	9	1	4	5	41	25	15
16		Jagadhri ...	13,029	2	1	3	10	5	5	...	...	...	4	1	...	5	1	...	1	12	40	16
17		Sadhaura ...	10,445	1	1	2	8	4	4	...	...	...	8	...	...	...	...	...	...	10	40	17
18	Hoshiarpur	Hoshiarpur ...	17,546	5	3	8	11	5	6	...	...	...	5	2	...	4	1	2	3	24	33	18
19		Tanda and Urmar	11,632	6	4	10	10	7	3	...	...	2	3	1	...	4	4	...	4	45	45	19
20	Jullundur ...	Jullundur ...	50,375	28	20	48	29	13	16	...	...	...	9	1	...	19	5	6	11	50	30	20
21		Rahon ...	10,667	7	8	15	4	2	2	...	...	...	1	...	...	3	1	1	2	73	20	21
22		Kartarpur ...	10,441	6	2	8	2	2	...	...	...	...	2	...	...	...	...	...	...	40	10	22
23	Lud na ...	Ludhiana ...	46,024	16	18	34	38	22	16	...	...	...	16	4	...	18	3	2	5	39	43	23
24		Jagraon ...	18,116	6	5	11	4	1	3	...	...	...	2	...	...	2	1	2	3	32	12	24
25	Ferozepore ...	Ferozepore ...	25,337	10	7	17	14	6	8	...	...	...	4	1	...	9	3	2	5	35	29	25
26	Mooltan ...	Mooltan ...	64,265	25	18	43	32	18	14	...	...	...	15	3	...	14	5	4	9	35	26	25
27	Jhang ...	Maghiana ...	13,866	5	4	9	6	3	3	...	...	...	...	1	...	5	2	1	3	34	23	27
28		Chiniot ...	13,476	4	7	11	8	3	5	...	...	...	1	...	...	7	1	2	3	43	31	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	52	40	92	68	36	32	...	...	...	26	3	2	37	8	7	15	30	22	29
30		Kasur ...	20,290	8	5	13	9	5	4	...	...	...	5	...	1	3	2	...	2	33	23	30
31		Chunian ...	10,339	8	5	13	5	1	4	...	...	...	3	1	...	1	...	...	...	66	25	31
32	Amritsar ...	Amritsar ...	135,401	43	46	89	74	45	29	...	...	...	29	3	2	40	8	12	20	34	28	32
33	Gurdaspur ...	Batala ...	27,223	11	13	24	20	7	13	...	...	1	12	...	...	7	1	4	5	46	38	33
34	Sialkot ...	Sialkot ...	33,965	20	18	38	23	11	12	...	...	2	6	2	...	13	4	1	5	58	35	34
35	Gujrat ...	Gujrat ...	17,671	10	6	16	9	5	4	...	...	...	3	...	...	6	1	...	1	47	27	35
36		Jalalpur ...	11,065	8	5	13	8	5	3	...	...	...	2	...	...	6	1	...	1	61	38	36
37	Gujranwala...	Gujranwala ...	25,892	6	15	21	10	5	5	...	...	...	3	...	...	7	1	3	4	42	20	37
38		Wazirabad ...	15,786	9	7	16	13	4	9	...	...	...	9	1	...	3	...	2	2	53	43	38
39	Shahpur ...	Bhera ...	17,428	3	8	11	5	1	4	...	...	...	1	1	...	3	...	...	...	33	15	39
40	Jhelum ...	Pind Dadan Khan	15,055	5	2	7	11	8	3	...	...	...	6	1	...	4	1	2	3	24	38	40
41	Rawalpindi ...	Rawalpindi ...	38,334	6	7	13	20	10	10	...	...	...	11	...	1	8	1	2	3	18	27	41
42	Peshawar ...	Peshawar ...	63,079	22	9	31	27	13	14	...	...	...	20	2	...	5	2	3	5	26	22	42
43	Kohat ...	Kohat ...	14,347	6	2	8	5	2	3	...	...	...	2	1	...	2	...	...	...	29	18	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	3	3	6	12	5	7	...	...	...	7	1	...	4	...	3	3	15	29	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	6	5	11	17	9	8	...	...	...	15	1	...	1	2	1	3	24	37	45
	Grand Total	...	1,412,775	451	431	882	738	378	360	...	...	5	361	37	6	329	91	95	186	33	27	
	Hill Sanitaria.																					
	Simla ...	... ...				Return not received																
	Dharmsala ...	... ...	2,778	3	...	3	1	1	...	...	...	...	...	...	...	1	...	...	...	56	19	
	Dalhousie ...	... ...	807	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	65	
	Murree ...	... ...	1,459	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	[illegible]	...	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 29th March 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 12TH MARCH 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 882 births were registered (451 males and 431 females), giving a birth-rate of 33 per *mille* of population; 738 deaths were registered (378 males and 360 females), giving a death-rate of 27 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 29th March 1898.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

QUANTITIES PER RUPEE BY THE

1	2			3			4			5		
Districts.	*Wheat.*			*Barley.*			*Rice (best sort).*			*Rice (common).*		
	Present fortnight ending 15th March 1898.	Past fortnight ending 28th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th March 1898.	Past fortnight ending 28th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th March 1898.	Past fortnight ending 28th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th March 1898.	Past fortnight ending 28th February 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	13	13	9	20	20	10	...	...	...	10	10	8
Rohtak ...	12	12	8	16	18	9	...	...	...	10	10	9
Gurgaon ...	13	13	8	24	22	11	...	...	...	8	8	7
Delhi ...	13	12	9	24	21	10	...	...	...	10	10	9
Karnál ...	13	12	8	20	20	10	...	...	...	10	10	8
Umballa ...	16	13	9	20	18	10	...	...	...	10	10	8
Simla ...	11	10	7	16	14	8	...	...	...	9	9	7
Kángra ...	14	14	10	21	21	11	...	...	...	12	11	9
Hoshiárpur ...	17	16	8	20	20	10	...	...	...	11	11	9
Jullundur ...	16	15	8	19	19	9	...	...	...	8	8	8
Ludhiána ...	15	13	9	19	19	10	...	...	...	7	7	8
Ferozepore ...	14	13	8	20	20	11	...	...	...	7	7	7
Mooltan ...	11	11	8	21	20	12	...	...	...	13	12	8
Jhang ...	16	14	7	26	23	11	...	...	...	12	12	7
Montgomery ...	13	13	8	22	20	11	...	...	...	10	11	9
Lahore ...	13	13	8	21	19	10	...	...	...	9	10	8
Amritsar (*a*) ...	...	13	8	...	19	10	...	...	...	...	9	8
Gurdáspur ...	15	14	8	20	20	10	...	...	...	10	10	8
Siálkot ...	14	14	8	19	19	11	...	...	...	11	11	8
Gujrát ...	13	13	8	16	15	10	...	...	...	9	9	8
Gujránwála ...	15	14	8	23	20	11	...	...	...	11	11	8
Shahpur ...	16	15	8	26	20	12	...	...	...	7	7	6
Jhelum ...	17	14	8	20	19	12	...	...	...	10	10	8
Ráwalpindi ...	17	14	8	25	23	12	...	...	...	8	8	7
Hazára ...	14	14	9	22	21	13	...	...	...	9	8	8
Peshávar ...	13	12	0	26	20	13	...	...	...	9	9	8
Kohát ...	16	13	9	21	18	15	...	...	...	11	10	9
Bannu ...	20	20	10	38	33	17	...	...	...	11	11	9
D. I. Khan ...	16	16	9	25	21	12	...	...	...	6	6	6
D. G. Khan ...	12	12	9	15	16	11	...	...	...	13	13	7
Muzaffargarh	13	13	8	18	18	11	...	...	...	12	10	9

† Not pro
‡ Not pro
(*a*) Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH MARCH 1898.

6			7			1
ORDINARY SEER OF 80 TOLAS.						
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*			
Present fortnight ending 15th March 1898.	Past fortnight ending 28th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th March 1898.	Past fortnight ending 28th February 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
23	23	10	23	23	10	Hissar.
22	21	10	20	21	9	Rohtak.
20	20	11	23	22	9	Gurgaon.
21	20	10	21	20	9	Delhi.
22	21	10	20	19	8	Karnál.
25	24	11	19	18	9	Umballa.
16	15	8	17	15	8	Simla.
†	†	§	†	†	§	Kángra.
22	19	10	18	18	9	Hoshiárpur.
20	20	§	19	18	8	Jullundur.
20	20	10	22	22	10	Ludhiána.
19	19	10	19	19	10	Ferozepore.
18	17	10	17	17	10	Mooltan.
25	26	§	20	19	§	Jhang.
17	19	11	16	16	§	Montgomery.
19	18	10	17	18	9	Lahore.
...	18	10	...	18	10	Amritsar.
20	19	10	11	11	10	Gurdáspur.
18	18	10	18	18	§	Siálkot.
17	17	10	17	17	10	Gujrát.
18	18	10	18	17	10	Gujránwála.
16	16	11	18	18	9	Shahpur.
19	19	10	17	17	9	Jhelum.
22	21	12	19	18	9	Ráwalpindi.
§	§	§	15	14	§	Hazára.
20	20	14	16	16	10	Peshávar.
§	§	§	22	22	12	Kohát.
31	31	15	26	33	12	Bannu.
32	26	12	23	20	11	D. I. Khan.
21	21	11	19	21	10	D. G. Khan.
15	15	10	16	14	10	Muzaffargarh.

duced.
curable.
not received.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 14 seers as compared with 14 seers in last fortnight and 8 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Srs.	Srs.	Srs.
Umballa	...	9	13	16
Hoshiárpur	...	8	16	17
Jhang	...	7	14	16
Ráwalpindi	...	8	14	17
Kohát	...	9	13	16
Bannu	...	10	20	20

Barley.—Prices average 22 seers as compared with 20 seers in last fortnight and 11 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Srs.	Srs.	Srs.
Delhi	...	10	21	24
Jullundur	...	9	19	19
Jhang	...	11	23	26
Shahpur	...	12	20	26
Peshávar	...	13	20	26
Bannu	...	17	33	38

Rice.—Prices average 10 seers as compared with 10 seers in last fortnight and 8 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Srs.	Srs.	Srs.
Umballa	...	8	10	10
Kángra	...	9	11	12
Mooltan	...	8	12	13
Gujránwála	...	8	11	11
Kohát	...	9	10	11
D. G. Khan	...	7	13	13

Jowár.—Prices average 21 seers as compared with 20 seers in last fortnight and 11 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Srs.	Srs.	Srs.
Umballa	...	11	24	25
Hoshiárpur	...	10	19	22
Gurdáspur	...	10	19	20
Ráwalpindi	...	12	21	22
Peshávar	...	14	20	20
D. I. Khan	...	12	26	32

Bájra.—Prices average 19 seers as compared with 19 seers in last fortnight and 10 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Srs.	Srs.	Srs.
Gurgaon	...	9	22	23
Ludhiána	...	10	22	22
Lahore	...	9	18	17
Ráwalpindi	...	9	18	19
Kohát	...	12	22	21
Bannu	...	12	33	26

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DIS

1	8			9			10			11	
	QUANTITIES PER F										
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea M*	
DISTRICTS.	Present fortnight ending 15th March 1898.	Past fortnight ending 28th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th March 1898.	Past fortnight ending 28th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th March 1898.	Past fortnight ending 28th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th March 1898.	Past fortnight ending 28th February 1898.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	17	15	10	§	20
Rohtak ...	†	†	†	10	10	10	15	15	10	18	21
Gurgaon ...	†	†	†	†	†	†	13	14	10	16	16
Delhi ...	†	†	†	13	13	8	15	13	10	20	19
Karnál ...	24	24	10	8	8	8	16	14	10	22	21
Umballa ...	§	§	10	16	13	§	15	13	10	26	22
Simla ...	14	14	§	8	8	8	12	11	8	20	19
Kángra ...	§	§	‡	‡	‡	§	12	9	8	22	21
Hoshiárpur ...	20	18	§	13	13	9	16	14	10	25	23
Jullundur ...	§	§	§	16	16	12	16	13	10	25	21
Ludhiána ...	†	†	†	15	15	10	15	13	10	22	22
Ferozepore ...	†	†	†	20	14	8	17	14	10	19	19
Mooltan ...	†	†	†	14	12	7	13	12	9	16	16
Jhang ...	24	24	10	20	28	11	14	16	9	26	26
Montgomery ...	§	§	§	†	†	†	14	14	9	§	18
Lahore ...	§	§	§	17	18	8	15	15	10	18	18
Amritsar (a) ...	...	†	†	...	15	7	...	13	9	...	19
Gurdáspur ...	§	§	14	12	12	10	16	13	10	20	19
Siálkot ...	§	§	§	§	§	§	14	14	9	18	18
Gujrát ...	†	†	†	7	7	§	13	11	10	18	18
Gujránwála ...	†	†	†	‡	‡	8	16	14	10	19	18
Shahpur ...	16	16	12	16	16	12	16	14	10	16	16
Jhelum ...	‡	‡	‡	‡	‡	‡	15	14	10	19	19
Ráwalpindi ...	‡	‡	‡	12	12	10	14	13	9	23	22
Hazára ...	†	†	†	§	§	§	12	11	10	20	20
Pesháwar ...	†	†	†	16	16	10	13	11	9	22	22
Kohát ...	†	†	†	§	§	§	15	12	11	22	22
Bannu ...	13	13	9	7	7	10	20	21	13	36	34
D. I. Khan ...	§	§	§	4	4	4	18	16	11	24	20
D. G. Khan ...	§	§	§	§	§	§	12	11	10	§	§
Muzaffargarh ...	§	§	§	§	11	§	13	‡	10	§	8

† Not p

‡ Not so

§ Not pr

(a) Statem

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH MARCH 1898—continued.

12			13			1	
THE ORDINARY SEER OF 80 TOLAS.							
Arhur or Thur, [illegible]djan Pea (C[illegible]nus Indicus).			*Firewood.*				
Present fortnight ending 15th March 1898.	Past fortnight ending 28th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th March 1898.	Past fortnight ending 28th February 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
†	†	†	100	100	100	Hissar.	
10	10	10	100	100	120	Rohtak.	
12	12	11	130	160	120	Gurgaon.	
13	11	11	90	90	100	Delhi.	
8	8	9	160	160	160	Karnál.	
§	§	§	140	150	160	Umballa.	
7	7	6	80	80	80	Simla.	
10	10	§	100	100	100	Kángra.	
8	8	6	110	110	130	Hoshiárpur.	
§	§	§	100	95	100	Jullundur.	
7	7	7	95	90	120	Ludhiána.	
7	7	7	120	120	110	Ferozepore.	
†	†	†	100	100	110	Mooltan.	
8	8	7	160	160	160	Jhang.	
‡	‡	6	260	260	310	Montgomery.	
8	7	7	89	95	95	Lahore.	
...	§	†	...	100	110	Amritsar.	
§	§	§	100	100	120	Gurdáspur.	
§	§	§	120	120	120	Siálkot.	
†	†	†	110	110	110	Gujrát.	
11	11	†	115	115	95	Gujránwála.	
†	†	†	160	160	160	Shahpur.	
‡	‡	‡	120	120	120	Jhelum.	
‡	‡	‡	65	65	80	Ráwalpindi.	
†	†	†	81	81	127	Hazára.	
14	15	15	52	52	83	Pesháwar.	
†	†	†	102	102	102	Kohát.	
5	5	8	70	70	74	Bannu.	
5	5	7	125	125	125	D. I. Khan.	
§	§	§	100	100	100	D. G. Khan.	
‡	‡	§	140	140	140	Muzaffargarh.	

Gram.—Prices average 15 seers as compared with 14 seers in last fortnight and 10 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Hissar ...	10	15	17
Ferozepore ...	10	14	17
Gurdáspur ...	10	13	16
Gujránwala ...	10	14	16
Pesháwar ...	9	11	13
D. I. Khan ...	11	16	18

Maize.—Prices average 21 seers as compared with 20 seers in last fortnight and 10 seers in corresponding period of 1897 The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Umballa ...	10	22	26
Jullundur ...	10	21	25
Jhang ...	10	26	26
Ráwalpindi ...	10	22	23
Pesháwar ...	10	22	22
Bannu ...	14	34	36

duce[illegible]

curab[illegible]
not re[illegible]

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICT

1	14					
	QUANTITIES PER RUPEE					
	Salt.					
	Present fortnight ending 15th March 1898		Past fortnight ending 28th February 1898.		Corresponding fortnight of 1897.	
DISTRICTS.	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 4	11 0	11 4	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 4	12 0	12 0	11 0
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	12 8	11 8
Simla	10 0	9 0	10 0	9 0	10 0	9 0
Kángra	*	10 0	*	10 0	*	11 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	12 8	13 0	12 8	13 0	13 0
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	12 4	12 4	12 4	12 4	12 8	12 0
Jhang	12 10	12 8	12 8	12 4	12 4	12 0
Montgomery	12 12	12 8	12 12	12 8	12 12	12 8
Lahore	13 4	12 12	13 2	13 2	13 10	13 6
(a) Amritsar	...	...	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 8
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	13 12	13 8	13 12	13 8	14 0	13 12
Shahpur	13 8	13 0	13 8	13 0	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	13 12	14 0	13 12	13 14	13 12
Hazára	*	11 8	*	11 8	*	11 8
Peshawar	16 0	15 0	16 0	15 0	20 0	19 0
Kohát	19 2	16 10	19 2	16 8	24 4	21 11
Bannu	22 8	20 0	22 8	20 0	25 0	23 0
D. I. Khan	16 0	15 0	16 0	15 0	16 4	15 8
D. G. Khan	15 0	13 1	14 5	11 4	14 2	13 2
Muzaffargarh	*	12 0	*	12 0	*	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro.
(a) Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH MARCH 1898—*concluded.*

15			10			1	
THE ORDINARY SEER OF 80 TOLAS.							
Gur.			*Cotton (unginned).*				
Present fortnight ending 15th March 1898.	Past fortnight ending 28th February 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th March 1898.	Past fortnight ending 28th February 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs. C	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.		
10 0	10 0	11 0	7 8	7 0	7 8	Hissar.	
11 0	11 0	13 0	10 0	10 0	9 0	Rohtak.	
10 8	10 8	12 0	9 0	9 0	9 0	Gurgaon.	
9 0	9 0	9 0	9 8	9 8	9 0	Delhi.	
11 0	11 0	12 0	10 0	11 0	10 0	Karnál.	
9 10	10 8	11 8	10 8	11 0	9 8	Umballa.	
6 8	6 8	8 8	†	†	†	Simla.	
8 0	8 0	10 0	6 0	6 0	6 0	Kángra.	
8 0	9 0	12 0	10 0	10 0	8 0	Hoshiárpur.	
8 0	10 0	11 0	11 0	11 0	9 8	Jullundur.	
7 0	7 0	8 0	8 8	8 8	8 0	Ludhiána.	
8 12	8 12	9 4	9 12	9 12	8 12	Ferozepore.	
8 8	8 8	9 0	0 0	8 8	9 0	Mooltan	
9 4	10 0	10 0	11 0	10 0	9 0	Jhang.	
9 0	9 0	9 4	9 0	10 0	9 0	Montgomery.	
8 8	8 12	10 8	9 4	9 4	8 8	Lahore.	
...	9 12	11 0	...	9 4	8 12	Amritsar.	
10 0	9 8	12 0	9 0	9 0	8 0	Gurdáspur.	
9 0	9 0	12 0	8 8	8 8	8 8	Siálkot.	
8 8	9 0	10 8	9 0	9 0	9 0	Gujrát.	
8 14	9 4	11 0	10 8	10 8	10 0	Gujránwála.	
8 0	8 0	10 0	9 0	9 0	10 0	Shahpur.	
9 0	8 12	11 0	‡	‡	‡	Jhelum.	
8 12	9 12	10 12	8 12	8 12	8 12	Ráwalpindi.	
7 4	7 4	8 8	§	§	§	Hazára.	
7 10	7 10	8 10	8 13	8 6	9 10	Peshávar.	
8 7	8 7	9 10	11 8	11 8	11 8	Kohát.	
13 2	13 2	14 0	8 12	8 12	10 0	Bannu.	
9 8	10 0	10 15	‡	11 4	11 4	D. I. Khan.	
6 9	6 9	7 8	10 0	10 10	9 1	D. G. Khan.	
8 0	8 4	9 0	10 0	10 0	8 0	Muzaffargarh.	

sale salt sold.
duced.

curable.
not received.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUAR[illegible]

1	2	3	4	5	6	7	8	9	10	11	1[illegible]
	WHOLESALE PRICE PER MAUND OF 82[illegible]										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and R[illegible]
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs A. P.	Rs. A. P.	Rs. A[illegible]
Delhi	2 8 0	3 10 2	2 12 2	1 10 8	1 13 9	1 13 9	1 14 6	2 8 0	4 3 4	4 7 1	3 5 [illegible]
Ferozepore ...	2 0 0	...	2 14 0	2 0 0	2 2 0	2 2 0	2 1 6	2 6 0	5 12 0	4 7 0	4 15 [illegible]
Mooltan	1 6 10	3 1 2	3 7 8	1 13 1	2 1 7	2 5 9	2 6 9	3 0 4	...	4 3 11	3 10 [illegible]
Lahore	2 7 6	4 3 4	2 10 6	1 13 9	2 0 10	2 3 6	2 3 9	2 9 0	5 0 0	4 0 0	3 4 [illegible]
Amritsar	2 9 3	4 9 2	2 10 0	...	...	...	1 13 9	2 10 8	...	4 0 0	3 5 [illegible]
Ráwalpindi ...	2 0 0	4 11 3	2 8 0	1 8 8	1 13 2	2 2 0	1 11 10	2 12 2	5 11 5	3 10 2	4 [illegible]

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH MARCH 1898.

OR 40 SEERS OF 80 TOLAS EACH.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs A. P.	Rs. A P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.
20 0 0	5 0 0	4 3 4	10 10 8	32 0 0	3 14 8	8 0 0	11 6 10	...	0 10 8	0 14 3	0 8 0	125	60 0 0
5 12 0	6 10 0	4 6 0	12 4 0	34 0 0	3 6 0	5 0 0	11 0 0	30 0 0	0 5 0	0 8 0	0 8 0	75	50 0 0
6 10 6	5 0 0	4 7 0	11 7 0	32 0 0	3 11 6	10 0 0	13 5 4	...	0 4 4	0 9 0	0 6 5	70	50 0 0
5 8 0	4 9 2	4 8 2	12 8 9	32 0 0	3 1 6	5 11 5	12 4 11	31 0 0	1 0 0	0 8 6	...	105	...
...	4 11 4	4 9 2	12 4 11	...	3 0 4	...	...	...	...	0 8 6	...	...	...
5 8 0	5 0 0	4 7 0	13 5 4	32 0 0	2 13 9	4 0 0	9 12 0	32 0 0	0 8 0	0 8 6	0 9 10	60	60 0 0

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

STATEME

IRRIGATION OPERATIONS OF THE KHA

Comparative Abstract of Irrigation

1	2	3	4	5	6	7	8
	Of the District					Area irrigated in acres.	
Civil Districts.	Total Area, in acres	Culturable Area, in acres.	Cultivated Area, in acres.	Culturable Area commanded by canals, in acres.	Culturable Area at present irrigable by canals, in acres.	Kharif, 1897.	Kharif, 1896.
Lahore } Upper Sutlej Canals ...	2,305,551	1,815,862	1,269,251	213,846	71,282	26,057	22,403
Montgomery } Upper Sutlej Canals ...	3,582,364	2,883,417	388,333	352,702	176,401	84,149	78,752
Mooltan (Lower Sutlej and Chenab Canals)	3,787,300	3,402,739	671,597	1,340,000	402,000	167,027	150,971
Dera Gházi Khan	3,209,492	2,401,026	1,024,518	300,000	225,000	119,614	115,588
Shahpur (Imperial Canals)	3,032,647	2,452,807	739,509	62,954	42,000	16,427	18,631
Muzaffargarh	1,994,884	1,636,584	426,344	642,293	318,225	129,614	134,523
Total Imperial Canals ...	...	...	...	2,911,795	1,234,908	542,888	520,868
Shahpur (Provincial Canals)	3,032,647	2,452,807	739,509	53,255	27,000	16,373	12,877
GRAND TOTAL ...	...	...	...	2,965,050	1,261,908	559,261	533,745

LAHORE:
The 26th March 1898.

No. I.

CROP OF 1897 ON MINOR IRRIGATION WORKS.

Rainfall in Canal Districts of the Punjab.

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
COMPARISON WITH LAST CROP.		RAINFALL DURING KHARIF MONTHS (INCHES).													
		April.		May.		June.		July.		August.		September.		Total.	
Increase.	Decrease.	1897.	1896.	1897.	1896.	1897.	1896.	1897.	1896.	1897.	1896.	1897.	1896.	1897.	1896.
3,654	...	·22	...	·28	·51	·60	·88	1·14	1·43	5·53	2·07	·23	·14	8·00	5·03
5,397	...	·13	...	·12	·33	·01	·16	·79	1·84	3·62	2·07	·24	·08	4·91	4·48
16,056	...	·38	...	·03	...	·20	·32	1·37	1·18	6·16	·35	·98	·03	9·12	1·88
4,026	...	1·01	...	·19	·07	·46	...	1·27	·05	1·46	·49	...	·18	4·39	0·79
...	2,204	·90	...	·20	...	1·60	1·70	7·40	2·87	5·70	3·22	...	·31	15·8	8·15
...	4,909	·41	...	...	...	·40	...	3·87	·09	2·62	·58	·04	·03	7·34	0·70
22,020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3,496	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25,516	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

SIDNEY PRESTON,

Offg. Secretary to Government, Punjab, P. W. D., Irrigation Branch.

STATEMENT No. II.

IRRIGATION OPERATIONS OF THE KHARIF CROP OF 1897 ON MINOR IRRIGATION WORKS.

Statement in Acres of Crops irrigated in Canal Districts.

DESCRIPTION OF CROPS.	Montgomery.	Mooltan.	Lahore.	Dera Ghází Khan.	Shahpur.	Muzaffargarh.	Grand Total.
1	2	3	4	5	6	7	8
Sugarcane	244	946	146	64	119	4,631	6,150
Rice	11,951	22,270	5,668	38,4[illegible]6	1,896	46,615	126,846
Cotton	24,251	34,992	4,542	18,134	8,012	15,452	105,383
Indigo	4	28,759	...	4,481	...	23,216	56,460
Maize	2,944	974	1,904	24	...	10	5,856
Jowár	1,799	59,227	393	51,387	...	25,758	138,564
Other crops	42,956	19,859	13,404	7,078	22,773	13,932	120,002
Total Kharif of 1897	84,149	167,027	26,057	119,614	32,800	129,614	559,261
" " 1896	78,752	150,971	22,403	115,588	31,508	134,523	533,745
Increase in 1897	5,397	16,056	3,654	4,026	1,292	...	25,516
Decrease "	...	...	...	...	...	4,909	...

LAHORE:
The 26th March 1898.

SIDNEY PREST[illegible]N,
Offg. Secretary to Government, Punjab, P. W. D.,
Irrigation Branch

STATEMENT No. III.

Irrigation Operations of the Kharif Crop of 1897 on Minor Irrigation Works.

Statement in Acres of Crops irrigated in Canal Divisions.

Description of Crops.	Upper Sutlej Canals.	Lower Sutlej and Chenab Canals.		Indus Canals.	Shahpur (Imperial) Canals.	Muzaffargarh Canals.	Total (Imperial) Canals.	Shahpur (Provincial) Canals.	Grand Total.
		Hájiwah Canal.	Others.						
1	2	3	4	5	6	7	8	9	10
Sugarcane	390	...	946	64	57	4,631	6,088	62	6,150
Rice	17,619	21	22,249	38,446	232	46,615	125,182	1,664	126,846
Cotton	28,793	2,148	32,844	18,134	6,126	15,452	103,497	1,886	105,383
Indigo	4	347	28,412	4,481	...	23,216	56,460	...	56,460
Maize	4,848	...	974	24	...	10	5,856	...	5,856
Jowár	2,192	5,510	53,717	51,387	...	25,758	138,564	...	138,564
Other crops	56,360	985	18,874	7,078	10,012	13,932	107,241	12,761	120,002
Total Kharif of 1897 ...	110,206	9,011	158,016	119,614	16,427	129,614	542,888	16,373	559,261
" " 1896 ...	101,155	8,688	142,283	115,588	18,631	134,523	520,868	12,877	533,745
Increase in 1897	9,051	323	15,733	4,026	...	...	22,020	3,496	25,516
Decrease " "	...	...	...	...	2,204	4,909	...	...	...

LAHORE:
The 26th March 1898.

SIDNEY PRESTON,
Offg. Secretary to Government, Punjab, P. W. D.,
Irrigation Branch.

STATEME

IRRIGATION OPERATIONS OF THE KHA

Comparative Abstract of Irrigation

Districts.	Of the District. Total area in acres.	Culturable area in acres.	Cultivated area in acres.	Culturable area commanded by canals in acres.	Culturable area at present irrigable by canals in acres.	Area irrigated in acres. Kharíf 1897.	Kharí 1896
1	2	3	4	5	6	7	8
Pesháwar	1,671,169	1,227,108	892,321	131,390	131,390	49,274	43,0
Total Swat River Canal ...	...	...	...	131,390	131,390	49,274	43,03
Umballa	1,544,077	1,162,847	971,152	4,805	2,519	2,155	1,59
Karnál	1,658,829	1,413,512	900,101	500,784	207,841	86,578	73,46
Rohtak	1,154,147	1,085,503	954,553	488,518	172,988	95,118	81,73
Delhi	811,530	669,059	535,848	207,896	129,888	36,885	32,10
Hissar	3,320,658	3,126,140	2,623,515	467,405	164,149	130,838	101,89
Jínd State	805,760	...	...	107,148	60,000	(a) 35,139	32,53
Bikaner State	...	...	...	1,762	642	311	27
Kalsia State	107,520	...	...	2,451	1,347	1,185	75
Patiála State	3,468,160	...	...	225,140	50,265	34,583	34,55
Total Western Jumna Canal, including Sirsa Branch ...	...	...	...	2,005,909	789,634	422,792	358,91
Gurdáspur	1,165,975	934,525	823,168	139,633	42,814	28,935	28,96
Amritsar	997,312	874,228	780,514	621,093	247,678	133,188	118,72
Lahore	2,305,551	1,815,862	1,269,251	684,277	388,641	222,734	199,86
Total Bári Doáb Canal ...	...	...	...	1,445,003	679,133	384,857	347,55
Ludhiána	887,492	823,511	762,665	267,628	70,507	27,416	32,733
Ferozepore	2,614,451	2,149,083	2,129,090	1,363,157	434,667	200,502	195,974
Hissar	3,320,658	3,126,140	2,623,515	42,961	9,780	1,373	1,143
Farídkot State	4 1,520	...	...	251,257	79,709	41,711	40,078
Nábha State	593,920	...	...	145,642	39,817	15,664	18,981
Patiála State	3,468, 60	...	...	358,166	108,618	33,074	37,228
Jínd State	805,760	...	...	14,675	3,671	722	1,071
Kalsia State	107,520	...	...	12,924	3,231	2,146	1,766
Total British ...	...	...	...	2,456,4 0	750,000	322,698	328,974
Native States Branches.							
Patiála State	...	...	...	...	420,000	98,523	107,679
Nábha State	...	...	...			10,350	14,685
Jínd State	...	...	...			11,033	12,618
Total Sirhind Canal ...	...	...	...	2,456,410	1,170,000	442,604	463,956
Gujránwála	1,873,983	1,717,301	934,462	573,100	230,911	119,398	102,774
Jhang	3,680,627	3,460,534	555,688	1,146,886	632,374	193,474	98,008
Total Chenab Canal ...	...	...	...	1,720,085	863,285	312,872	200,782
Montgomery	3,582,384	2,883,417	388,333	196,919	86,309	45,000	35,510
Total Lower Soház and Para Canal ...	...	...	...	196,919	86,309	45,000	35,510
Mooltan	3,787,300	2,402,729	671,597	330,000	175,000	108,376	97,416
Total Sidhnai ...	...	...	...	330,000	175,000	108,376	97,416
GRAND TOTAL ...	...	...	...	8,285,716	3,894,751	1,765,775	1,547,183

(a). Includes 1,070 acres of unauthorized irrigation from th

LAHORE:
The 26th March 1898.

No. I.

CROP OF 1897 ON MAJOR IRRIGATION WORKS.

Rainfall in the Canal Districts of the Punjab.

Comparison with last crop.		Rainfall in Kharif Months (inches).													
Increase.	Decrease.	*April.* 1897.	*April.* 1896.	*May.* 1897.	*May.* 1896.	*June.* 1897.	*June.* 1896.	*July.* 1897.	*July.* 1896.	*August.* 1897	*August.* 1896.	*September.* 1897.	*September.* 1896.	*Total.* 1897.	*Total.* 1896.
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
6,237	...	1·92	07	·48	·51	1·61	·06	1·83	2 03	6·61	·69	·98	·[illegible]6	13·43	3·42
6,237	...														
559	...	·28	...	·92	·35	1·10	3·[illegible]0	16·17	5·45	6·12	10·25	4·15	·20	28·74	19·35
13,109	...	·08	...	·45	·31	1·25	1·78	7·46	3·22	3·68	3·77	3·30	·14	16·22	9·22
13,381	...	·04	...	·56	·23	1·84	1·20	5 62	3·97	6·54	2·75	2·33	·17	16·93	8·32
4,781	...	...	...	·45	·97	1·95	1·82	4·67	6·42	4·37	4 67	2·10	·08	13·54	13·96
28,939	...	·25	...	·13	·84	1·47	·77	4·62	3·27	6·80	3·46	3 66	·32	16·93	8·66
2,603	...	·12	...	·40	·58	1·16	1·49	4·30	5·02	4 97	3·08	3·12	·15	14·07	10·32
3[illegible]	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
429	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	·53	·63	1·26	1·67	7·50	4·27	3·53	4·07	4·77	...	17·59	10 64
63,864	...														
...	33	1·79	·09	·17	·03	1·07	4·38	5·72	6·15	12·57	9·24	1·24	1·19	22·56	21·08
14,464	...	·47	·03	·19	·14	·89	1·52	3·60	2·81	7·14	4·98	·77	·16	13·06	9·64
22,872	...	·19	...	·24	·14	1·05	·77	2·23	1·96	8·55	2·75	1·19	·70	13·45	6·32
37,303	...														
...	5,3 7	·76	...	...	·33	·46	·79	6·62	3·73	7·19	2·72	1·46	1·00	16·49	8·52
4,618	...	·49	...	·09	·31	·43	·59	2·33	1·46	5·55	2·57	1 18	·48	10·07	5·41
230	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1,633	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	3,317														
...	4,154	1·25	...	·34	·45	·80	1·34	5·26	3·49	5·44	4·37	1·41	0·52	14·50	10·17
...	349														
380	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	6,276														
...	9,156	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	4,335	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1,[illegible]85	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	21,352														
16,624	...	·32	·03	·02	·08	1·17	·63	1·85	4·32	5·68	5·93	·25	·30	9·29	11·28
95,466	...	·21	·01	·15	·03	·98	1·22	1·44	3·46	6·58	2·22	·35	·34	9·71	7·28
112,090	...														
9,490	...	·13	...	·12	·33	·01	·16	·79	1·84	3·62	2·07	·24	·08	4·91	4·48
9,490	...														
10,960	...	·61	...	·02	·49	...	·07	...	·36	4·85	1·39	·09	...	5 57	2·31
10,960	...														
218,592															

[B]hiwáni Distributary in Delhi Division, Western Jumna Canal.

SIDNEY PRESTON,

Offg. Secretary to Government, Punjab, P. W. D.,
Irrigation Branch.

STATEMENT

IRRIGATION OPERATIONS OF THE KHARIF CRO

Statement in Acres of Crop

Description of Crops.	Peshâwar.	Umballa.	Karnâl.	Rohtak.	Delhi.	Hissar.	Gurdâspur.	Amritsar.	Lahore.
1	2	3	4	5	6	7	8	9	10
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres	Acres.	Acres.
Sugarcane	2,131	365	15,265	23,913	20,286	2,199	7,727	10,189	8,023
Rice	315	1,714	28,317	2,225	4,350	3,022	14,786	37,931	19,758
Cotton	3,115	9	23,000	34,013	2,670	62,840	616	12,183	67,437
Indigo	12	...	5,537	13,811	3,321	4,940	...	...	5
Maize	38,784	9	1,219	387	169	559	3,607	36,724	40,647
Jowâr and Bajra	3	...	7,630	13,484	2,523	39,148	756	16,011	15,095
Other Crops	4,914	58	5,610	7,285	3,566	19,503	1,443	20,150	71,765
Total Kharif in 1897 ...	49,274	2,155	86,578	95,118	36,885	132,211	28,935	133,188	222,73[illegible]
Total Kharif in 1896 ...	43,037	1,596	73,469	81,737	32,104	103,042	28,968	118,724	199,862
Increase in 1897 ...	6,237	559	13,109	13,381	4,781	29,169	...	14,[illegible]	22,8[illegible]
Decrease in 1897 ...	...	...	...	...	...	...	33	...	...

LAHORE :
The 26th March 1898.

No. II.

OF 1897 ON MAJOR IRRIGATION WORKS.

irrigated in Canal Districts.

Ludhiána.	Ferozepore.	Gujránwála.	Jhang.	Bikaner State.	Kalsia State.	Farídkot State.	Nábha State.	Patiála State.	Jínd State.	Montgomery.	Mooltan.	Total.
11	12	13	14	15	16	17	18	19	20	21	22	23
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
2,132	456	7,773	12,761	...	78	97	748	4,145	4,443	362	714	123,807
4	5	26,650	4,093	...	1,100	1	157	3,610	6,875	2,141	10,802	167,856
543	8,112	38,503	70,384	...	90	2,725	1,599	27,972	13,615	15,715	48,238	433,379
30	17	42	5	...	...	...	3	2,727	9,099	19	3,128	42,696
18,319	39,005	7,622	18,595	1	1,148	12,772	10,936	45,460	3,523	2,745	999	283,230
4,154	91,519	24,490	60,052	192	776	21,871	9,058	48,556	5,816	2,225	26,862	390,235
2,234	61,478	14,318	27,574	118	139	4,245	3,513	33,710	3,523	21,793	17,633	324,572
27,416	200,592	119,398	193,474	311	3,331	41,711	26,014	166,180	46,894	45,000	108,376	1,765,775
32,733	195,974	102,774	98,008	275	2,522	40,078	33,666	179,463	46,225	35,510	97,416	1,547,183
...	4,618	16,624	95,466	36	809	1,633	...	...	669	9,490	10,960	218,592
5,317	...	...	...	...	...	...	7,652	13,283	...	...	...	...

SIDNEY PRESTON,

Offg. Secretary to Government, Punjab,

P. W. D., Irrigation Branch.

STATEMENT

IRRIGATION OPERATIONS OF THE KHARIF CROP

Statement in Acres of Crops

Description of Crops.	Swat River Canal Division.	Western Jumna Canal.					Bari Doab Canal.			
		Karnál Division.	Jínd Distributaries.	Delhi Division.	Hissar Division.	Total.	1st Division.	2nd Division.	3rd Division.	Total.
1	2	3	4	5	6	7	8	9	10	11
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Sugarcane ...	2,131	7,491	3,715	52,411	2,672	66,289	10,245	9,532	6,162	25,939
Rice ...	315	26,168	6,193	11,539	5,577	49,477	25,455	32,288	14,732	72,475
Cotton ...	3,115	16,839	12,008	44,241	80,845	153,933	17,305	11,923	51,008	80,236
Indigo ...	12	3,485	8,781	19,186	7,123	38,575	...	3	2	5
Maize ...	38,784	952	323	841	794	2,910	30,339	21,820	28,819	80,978
Jowár and Bájra ...	3	6,426	947	19,010	43,327	69,710	22,754	9,108	4	31,866
Other crops ...	4,914	5,207	2,102	11,756	22,833	41,898	8,633	17,745	66,980	93,358
Total Kharif in 1897 ...	49,274	66,568	34,069	158,984	163,171	422,792	114,731	102,419	167,707	384,857
Ditto 1896 ...	43,037	56,446	32,536	134,510	135,436	358,928	99,137	95,482	152,935	347,554
Increase in 1897 ...	6,237	10,122	1,533	24,474	27,735	63,864	15,594	6,937	14,7[illegible]	37,303
Decrease in 1897 ...	...	...	...	...	...	...	...	...	...	...

LAHORE:
The 26*th March* 1898.

No. III.

OF 1897 ON MAJOR IRRIGATION WORKS.

irrigated in Canal Divisions.

Sirhind Canal.				Chenab Canal.					Lower Sohag and Para Canal.	Sidhnai Canal.	
Ludhiána Division.	Ferozepore Division.	Native States.	Total.	1st Division.	2nd Division.	4th Division.	5th Division.	Total.	Upper Sutlej Inundation Canals Division.	Mooltan Canals Division.	Grand Total.
12	13	14	15	16	17	18	19	20	21	22	23
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
2,603	490	4,745	7,838	1,619	16,972	1,904	39	20,534	362	714	123,807
7	5	1,891	1,903	18,711	10,632	1,355	45	30,743	2,141	10,802	167,856
1,446	11,062	10,747	23,255	5,343	73,169	25,198	5,177	108,887	15,715	48,238	433,379
47	3	860	910	2	40	5	...	47	19	3,128	42,696
50,872	39,461	40,264	130,597	913	16,358	6,694	2,252	26,217	2,745	999	283,230
30,530	112,359	32,128	175,017	7,038	39,543	23,450	14,521	84,552	2,225	26,862	390,235
7,913	65,900	29,271	103,084	5,236	21,085	10,720	4,851	41,892	21,793	17,633	324,572
92,418	229,280	119,906	442,604	38,862	177,799	69,326	26,885	312,872	45,000	108,376	1,765,775
103,593	225,381	134,982	463,956	30,994	169,788	...	...	200,782	35,510	97,416	1,547,183
...	3,899	...	...	7,868	8,011	69,326	26,885	112,090	9,490	10,960	218,592
10,175	...	15,076	21,352	...	...	...	...	...	...	...	...

SIDNEY PRESTON,

Offg. Secretary to Government, Punjab, P. W. D., Irrigation Branch.

NORTH-WESTERN RAILWAY.

Abstract of Principal Commodities carried over the North-Western Railway during the month of January 1898 *as compared with the same month of the previous year.*

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		No.	No.	No.	No.	
1	Animals ...	1,975	4,552	2,577	...	
		Tons.	Tons.	Tons.	Tons.	
2	Coal and coke ...	3,567	3,960	393	...	
3	Cotton, raw ...	7,592	8,933	1,341	...	
4	Cotton, manufactured—					
	(1) Twist and yarn, European ...	155	142	...	13	
	(2) Twist and yarn, Indian ...	168	279	111	...	
	(3) Piece-goods, European ...	829	990	161	...	
	(4) Piece-goods, Indian ...	1,010	1,282	272	...	
5	Drugs and chemicals—					
	(1) Intoxicating other than opium ...	55	45	...	10	
	(2) Non-intoxicating—					
	(a) Cinchona bark ...	...	...	...	...	
	(b) Others ...	447	831	384	...	
6	Dyes and tans—					
	(1) Indigo ...	127	810	683	...	
	(2) Myrabolams ...	25	25	...	...	
	(3) Cutch ...	1	1	...	...	
	(4) Turmeric ...	93	220	127	...	
	(5) Alizarine and aniline dyes ...	40	99	59	...	
	(6) Others ...	298	558	260	...	
7	Grain and pulse—					
	(1) Wheat ...	8,055	17,135	9,080	...	
	(2) Rice in the husk ...	2,636	3,701	1,065	...	
	(3) Rice not in the husk ...	5,216	8,425	3,209	...	
	(4) Jowár and bájra ...	22,938	23,178	240	...	
	(5) Gram and pulse ...	10,887	9,492	...	1,395	
	(6) Others ...	1,109	2,929	1,820	...	
8	Hides and skins—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	506	153	...	353	
	(b) Raw ...	1,009	1,049	40	...	
	(2) Skins of sheep, &c.—					
	(a) Dressed or tanned ...	3	10	7	...	
	(b) Raw ...	490	556	66	...	
9	Horns ...	12	20	8	...	
10	Jute—					
	(1) Raw ...	18	5	...	13	
	(2) Gunny bags and cloth ...	1,918	2,313	395	...	
11	Lac—					
	(1) Stick ...	2	2	...	...	
	(2) Shell ...	34	21	...	13	
12	Leather, manufactured ...	131	161	30	...	
13	Liquors—					
	(1) Beer ...	599	974	375	...	
	(2) Spirits ...	54	86	32	...	
	(3) Wines ...	291	404	113	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS
		Tons.	Tons.	Tons.	Tons.	
14	Metals—					
	(1) Copper, unwrought ...	25	42	17	...	
	(2) Brass, unwrought ...	15	23	8	...	
	(3) Copper, wrought ...	54	91	37	...	
	(4) Brass, wrought ...	121	167	46	...	
	(5) Iron ...	2,181	2 798	617	...	
	(6) Others ...	147	166	19	...	
15	Oils—					
	(1) Kerosene ...	1,312	1,444	132	...	
	(2) Castor ...	16	17	1	...	
	(3) Cocoanut oil ...	12	29	17	...	
	(4) Others ...	445	548	103	...	
16	Oil-seeds—					
	(1) Linseed ...	30	26	...	4	
	(2) Rape and mustard ...	905	688	...	217	
	(3) Til or jinjili ...	4,556	4,635	79	...	
	(4) Poppy ...	14	37	23	...	
	(5) Earthnut ...	11	11	...	...	
	(6) Castor ...	...	1	1	...	
	(7) Cotton seeds ...	5,315	6,018	703	...	
	(8) Others ...	7 7	1,258	541	...	
17	Opium ...	8	8	...	...	
18	Paper and paste-boards ...	182	189	7	...	
19	Provisions—					
	(1) Ghi ...	897	1,165	268	...	
	(2) Dried fruits ...	1,880	2,359	479	...	
	(3) Atta ...	2,827	4,058	1,231	...	
	(4) Others ...	1,482	3,469	1,987	...	
20	Railway Materials for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders ...	...	6	6	...	
	(2) Carriages and Trucks ...	...	...	...	...	
	(3) Materials for construction—					
	(a) Wooden sleepers ...	3,517	3,753	236	...	
	(b) Other sorts ...	3,153	192	...	2,961	
21	Salt ...	8,674	8,958	284	...	
22	Saltpetre, &c.—					
	(1) Saltpetre ...	182	229	47	...	
	(2) Other saline substances ...	336	593	257	...	
23	Silk, raw—					
	(1) Foreign ...	20	15	...	5	
	(2) Indian ...	5	6	1	...	
24	Silk piece-goods—					
	(1) Foreign ...	1	5	4	...	
	(2) Indian ...	5	7	2	...	
25	Spices—					
	(1) Betelnuts ...	29	33	4	...	
	(2) Pepper ...	34	48	14	...	
	(3) Ginger ...	190	181	...	9	
	(4) Chillies ...	608	463	...	145	
	(5) Cardamums ...	24	21	...	3	
	(6) Others ...	121	147	26	...	
26	Stone and lime ...	4,986	8,196	3,210	...	
27	Sugar—					
	(1) Refined ...	4,554	8,860	4,306	...	
	(2) Unrefined ...	18,436	18,478	42	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
28	Tea—					
	(1) Foreign ...	32	68	36	...	
	(2) Indian ...	171	300	129	...	
29	Timber ...	4,831	5,923	1,092	...	
30	Tobacco—					
	(1) Unmanufactured ...	695	560	...	135	
	(2) Manufactured—					
	(a) Cigars ...	11	11	...	...	
	(b) Others ...	65	178	113	...	
31	Wool, raw ...	925	1,775	850	...	
32	Wool, manufactured—					
	(1) Piece-goods, European ...	20	40	20	...	
	(2) Piece-goods, Indian ...	96	138	42	...	
	(3) Shawls ...	...	...	...	...	
33	All other articles of merchandise—					
	(1) Firewood ...	8,662	12,575	3,913	...	
	(2) Manures ...	3,222	3,800	578	...	
	(3) Fodder ...	6,357	7,137	780	...	
	(4) Lucifer matches ...	48	121	73	...	
	(5) Others ...	8,060	37,068	29,008	...	
		No.	No.	No.	No.	
	Total ... Animals ...	1,975	4,552	2,577	...	
		Tons.	Tons.	Tons.	Tons.	
	Total ... Goods ...	171,537	237,921	66,384	...	

LAHORE:
The 19*th March* 1898.

J. SHAW,
for *Examiner of Accounts, North-Western Railway.*

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 12th March 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic Train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	*15,110	*12,770 12 0	101,718 20	14,566 12 0	95 0 0	27,432 8 0	6,941	5,642	12,583
Or per mile of Railway	...	78 11 5	...	89 12 7	0 9 4	169 1 4	...	...	...
For previous 9 1/7 weeks of half-year	369,760	2,06,060 4 0	953,780 0	1,53,632 10 0	767 0 0	3,60,459 14 0	71,435	39,733	111,168
Total for 10 1/7 weeks ...	384,870	2,18,831 0 0	1,055,498 20	1,68,199 6 0	862 0 0	3,87,892 6 0	78,376	45,375	123,751
COMPARISON.									
Total for corresponding week of previous year ...	18,821½	17,610 5 3	123,163 10	12,263 7 0	64 7 0	29,938 3 3	6,685	4,205	10,890
Per mile of Railway corresponding week of previous year.	...	109 11 11	...	76 6 9	0 6 5	186 9 1	...	...	...
Total for corresponding 10 2/7 weeks of previous year ...	163,441	1,28,899 14 5	951,046 30	1,08,750 9 0	602 11 3	2,38,253 2 8	68,022	38,082	106,104

*The decrease is both in outward and inward traffic.

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 16th March 1898.

T. BASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore—31-3-98—690.

No. 14 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, APRIL 7, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 5th APRIL 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	...	1. Sufficient ... 2. Good ...	Wheat 13 seers ... Bájra 23 seers. Gram 21 seers.	Gram and barley crops being reaped. Outturn of barley good and of gram average. Canal crops in good condition. Prospects good.	...
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Wheat 12½ seers. Gram 14½ seers. Bájra 22 seers.	Reaping commenced.	
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 14½ to 15½ seers. Gram 15½ to 15¾ seers. Maize 28½ seers.	Crops in good condition. Harvesting of gram, barley, &c., commenced.	
4	Jullundur ...	...	1. Sufficient ... 2. Good.	Wheat 16¾ seers. Gram 18¼ seers. Maize 26 seers.	Crops in good condition. Extra spring sowings in progress.	...
5	Ferozepore ...	...	1. Sufficient ... 2. Fair.	Wheat 14 seers ... Gram 16 seers. Barley 20 seers. Jowár 20 seers. Bájra 19 seers. Maize 20 seers.	Crops in good condition.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
6	Mooltan ...	...	1. Sufficient ... 2. Good.	Wheat, 2nd quality, 12½ seers.	Crops in good condition.	...
7	Lahore ...	...	1. Sufficient ...	Wheat 14 to 16 seers. Maize 21 to 23½ seers.	Extra spring crops sowings commenced. Reaping and winnowing of rapeseed and barley in progress. The outturn is expected to be good.	Cotton is being sown.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 16 seers ... Maize 26½ seers.	Crops in good condition. Extra rabi sowings nearly completed.	...
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 15 to 16 seers. Rice 10 to 11 seers.	Crops promising on irrigated lands, but have suffered in parts on lands dependent on rain.	Sowings commenced.
10	Shahpur ...	...	1. Ample ...	Wheat 15 to 17 seers. Bájra 18 to 21 seers.	Crops promising. Locusts in parts of Tahsíl Bhera. Their eggs are being destroyed.	...
11	Ráwalpindi ...	...	1. Sufficient ...	Falling ...	Prospects excellent.	...
12	Pesháwar ...	0·12	1. Sufficient ... 2. Good.	Wheat 15⅛ seers. Maize 26$\frac{13}{16}$ seers.	Recent rain benefited the standing crops. Extra spring crops being sown. Slight fall of hail, but no damage. Condition of crops good.	Sowings of sugarcane in progress.
13	D. I. Khan ...	...	1. Sufficient ... 2. Good.	Wheat 17 seers ... Bájra 23¾ seers.	Condition of crops good. Threshing of oilseed crops commenced. Reaping of barley and gram in progress. Extra spring crops are being sown.	Sowings of cotton going on.

GENERAL REMARKS.

Rainfall.—Slight rain has fallen in Pesháwar.

Prices.—Again rising slightly in Delhi, Umballa and Jullundur; falling in Siálkot, Shahpur, Ráwalpindi and Pesháwar unchanged elsewhere.

Wheat is selling from 12½ to 17, bulrush millet 18 to 23¾, gram 14½ to 21, maize 20 to 28½, barley 20, great millet 20 and rice 10 to 11 seers per rupee.

Agricultural operations.—Threshing of rapeseed and reapings of gram and barley in progress. Sowings of extra spring crops as well as of sugarcane and cotton are going on.

Crops and outturn.—Condition and prospects of standing crops are generally reported good. Outturn is said to be good to average. Recent rain has benefited the standing crops in Pesháwar, but the crops on land dependent on rain have suffered in parts of Siálkot.

Damage done to crops.—Hail fell in Pesháwar, but did no damage. Locusts deposited eggs in parts of Shahpur. These are being destroyed.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient throughout the Province.

P. D. SHROFF, *Supdt.,*

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 19TH MARCH 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhoea.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	3	3	6	11	6	5	...	...	...	6	1	...	4	1	1	2	19	34	1
2		Hansi ...	15,190	...	...	...	15	9	6	...	...	...	5	1	...	9	...	...	...	...	51	2
3		Bhiwani ...	35,487	8	4	12	19	14	5	...	...	...	8	...	...	11	4	1	5	18	28	3
4		Sirsa ...	16,415	4	3	7	6	3	3	...	...	...	3	...	...	3	2	2	4	22	19	4
5	Rohtak ...	Rohtak ...	16,191	5	6	11	7	3	4	...	...	...	3	1	...	3	1	1	2	35	23	5
6		Jhajjar ...	11,881	5	...	5	2	2	...	...	...	...	1	...	...	1	1	...	1	22	9	6
7	Gurgaon ...	Rewari ...	27,934	6	1	7	7	5	2	...	...	...	3	...	...	4	...	...	...	13	13	7
8		Palwal ...	11,227	5	3	8	9	5	4	...	...	...	8	...	...	1	...	1	1	37	42	8
9	Delhi ...	Delhi ...	189,648	52	51	103	114	67	47	...	...	...	51	1	3	59	18	10	28	28	31	9
10		Sonepat ...	12,611	7	4	11	3	3	...	...	...	...	1	1	...	1	1	...	1	45	12	10
11	Karnal ...	Karnal ...	21,530	2	10	12	15	6	9	...	...	...	7	1	1	6	...	4	4	29	36	11
12		Kaithal ...	15,768	2	7	9	8	5	3	...	...	...	7	1	...	...	1	1	2	30	26	12
13		Panipat ...	27,547	9	11	20	18	9	9	...	...	...	9	...	...	9	2	3	5	38	34	13
14		Shahabad ...	11,473	2	2	4	3	3	...	...	...	...	2	...	...	1	2	...	2	18	14	14
15	Umballa ...	Umballa ...	26,856	9	3	12	7	3	4	...	...	...	3	...	...	4	...	1	1	23	14	15
16		Jagadhri ...	13,029	1	2	3	3	3	...	...	...	...	...	...	...	3	...	...	...	12	12	16
17		Sadhaura ...	10,445	2	2	4	5	3	2	...	...	...	5	...	...	...	...	...	...	20	25	17
18	Hoshiarpur	Hoshiarpur ...	Returns not received.																			18
19		Tanda and Urmar																				19
20	Jullundur ...	Jullundur ...	50,375	17	22	39	21	13	8	...	...	...	9	2	...	10	6	2	8	40	22	20
21		Rahon ...	10,667	2	6	8	6	5	1	...	...	...	2	...	...	4	1	...	1	39	29	21
22		Kartarpur ...	10,441	3	1	4	5	2	3	...	...	...	1	...	...	4	1	1	2	20	25	22
23	Ludhiana ...	Ludhiana ...	46,024	16	12	28	27	14	13	...	...	...	12	...	...	15	1	...	1	32	31	23
24		Jagraon ...	18,116	13	9	22	7	3	4	...	...	...	2	...	1	4	...	4	4	63	20	24
25	Ferozepore ...	Ferozepore ...	25,337	3	8	11	13	9	4	...	...	...	5	...	...	8	2	2	4	23	27	25
26	Mooltan ...	Mooltan ...	64,265	26	18	44	37	17	20	...	...	...	14	1	...	22	8	5	13	36	30	26
27	Jhang ...	Maghiana ...	13,866	6	4	10	13	4	9	...	...	...	...	...	...	13	2	4	6	38	49	27
28		Chiniot ...	13,476	7	8	15	6	5	1	...	...	...	1	...	...	5	3	...	3	58	23	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
29	Lahore ...	Lahore ...	159,597	54	51	105	77	42	35	...	...	...	39	1	...	37	10	7	17	34	25
30		Kasur ...	20,290	7	14	21	9	8	1	...	...	...	2	1	...	6	2	...	2	54	23
31		Chunian ...	10,339	1	6	7	8	2	6	...	...	...	4	...	...	4	1	1	2	35	40
32	Amritsar ...	Amritsar ...	135,401	49	51	100	69	40	29	...	...	...	34	2	...	33	6	7	13	39	27
33	Gurdaspur ...	Batala ...	27,223	1	11	12	9	5	4	...	...	1	4	...	...	4	2	...	2	23	17
34	Sialkot ...	Sialkot ...	33,965	14	12	26	22	11	11	...	...	2	7	...	1	12	4	4	8	40	34
35	Gujrat ...	Gujrat ...	17,671	15	10	25	8	5	3	...	...	...	3	...	...	5	1	1	2	74	24
36		Jalalpur ...	11,065	2	2	4	16	8	8	...	...	...	6	1	...	9	...	...	...	19	75
37	Gujranwala...	Gujranwala ...	25,892	10	8	18	6	2	4	...	...	...	3	...	...	3	...	1	1	36	12
38		Wazirabad ...	15,786	5	5	10	8	3	5	...	...	...	5	...	...	3	...	1	1	33	26
39	Shahpur ...	Bhera ...	17,428	9	2	11	4	3	1	...	...	...	2	1	...	1	...	...	...	33	12
40	Jhelum ...	Pind Dadan Khan	15,055	3	5	8	4	3	1	...	...	...	1	1	...	2	...	...	...	28	14
41	Rawalpindi ...	Rawalpindi ...	38,334	12	14	26	32	20	12	...	...	...	23	1	1	7	2	4	6	35	44
42	Peshawar ...	Peshawar ...	63,079	33	29	62	36	22	14	...	...	...	25	2	...	9	4	4	8	51	30
43	Kohat ...	Kohat ...	14,347	6	3	9	5	3	2	...	...	...	4	...	...	1	...	...	...	33	18
44	D. I. Khan ...	Dera Ismail Khan	21,573	3	3	6	26	15	11	...	...	...	22	1	...	3	1	1	2	15	63
45	D. G. Khan ...	Dera Ghazi Khan	23,899	1	7	8	11	7	4	...	...	...	8	...	...	3	...	...	...	17	24
	Grand Total	...	1,383,597	440	433	873	737	420	317	...	...	3	360	21	7	346	90	74	164	33	28
	Hill Sanitaria.																				
	Simla ...	...	Return	not	received.																
	Dharmsala ...	...	2,778	...	1	1	4	2	2	...	...	...	3	...	...	1	...	...	...	19	75
	Dalhousie ...	...	807	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	65	...
	Murree ...	...	1,459	...	1	1	1	1	...	...	...	...	...	...	...	1	1	...		36	35

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 5th April 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 19TH MARCH 1898.

Births and Deaths in Municipal Towns.—In the 43 large Municipal towns 873 births were registered (440 males and 433 females), giving a birth-rate of 33 per *mille* of population; 737 deaths were registered (420 males and 317 females), giving a death-rate of 28 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 5th April 1898.

MORTUARY RETURN

Deaths registered from different causes in each distr

No.	Districts.	Population according to Census of 1891.	Births.	Deaths.	Birth-rate per *mille* per annum.	Death-rate per *mille* per annum.	CA[USES] — *Cholera.* Males.	*Cholera.* Females.	*Cholera.* Total.	Small-pox. *Children under one year.* Males.	Small-pox. *Children under one year.* Females.	Small-pox. *One to under 12 years.* Males.	Small-pox. *One to under 12 years.* Females.	Small-pox. *Twelve and over 12 years.* Males.	Small-pox. *Twelve and over 12 years.* Females.	Total of Small-pox.	*Fevers.* Males.	*Fevers.* Females.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Hissar ...	775,808	1,947	1,864	30	28	...	...	...	...	...	2	1	1	...	4	743	729
2	Rohtak ...	590,446	1,816	1,220	36	24	...	...	...	...	...	...	...	...	...	...	436	380
3	Gurgaon ...	668,863	2,326	1,710	41	30	...	...	...	1	1	2	...	...	2	6	637	590
4	Delhi ...	635,224	2,108	1,605	39	30	...	...	...	...	...	1	1	...	...	2	495	453
5	Karnál ...	861,094	2,660	2,705	36	37	...	...	...	4	1	...	...	...	...	5	1,072	887
6	Umballa ...	804,849	2,514	2,122	37	31	...	...	...	2	...	4	2	...	...	8	735	647
7	Simla ...	35,246	64	48	21	16	...	...	...	...	...	...	...	...	...	...	15	6
8	Kángra ...	759,458	2,160	1,761	33	27	...	...	...	...	...	...	...	...	...	...	645	515
9	Hoshiárpur ...	1,011,644	3,640	2,047	42	24	...	...	...	6	...	6	5	2	5	24	510	494
10	Jullundur ...	891,347	3,558	1,997	47	26	...	...	...	3	...	2	1	...	...	6	469	490
11	Ludhiána ...	648,655	2,429	1,765	44	32	...	...	...	1	2	1	2	...	...	6	472	526
12	Ferozepore ...	861,499	3,285	2,509	45	34	...	...	...	...	1	8	6	1	...	16	799	817
13	Mooltan ...	620,859	1,975	2,439	37	46	...	...	...	...	1	3	2	...	...	6	1,053	782
14	Jhang ...	436,821	1,849	1,954	50	53	...	...	...	...	...	...	...	1	...	1	746	701
15	Montgomery	499,449	1,388	1,333	33	31	...	...	...	...	1	6	6	...	1	14	391	368
16	Lahore ...	1,055,619	3,825	2,624	43	29	...	...	...	3	4	14	14	...	...	35	864	735
17	Amritsar ...	990,990	3,893	2,352	46	28	...	...	...	6	2	6	5	...	1	20	566	562
18	Gurdáspur ...	940,785	3,315	2,052	41	26	...	...	...	2	1	3	8	1	2	17	659	548
19	Siálkot ...	1,098,712	4,283	2,334	46	25	...	...	...	7	9	11	12	3	3	45	690	646
20	Gujrát ...	760,823	1,929	1,633	30	25	...	...	...	...	...	...		1	...	1	585	534
21	Gujránwála ...	690,061	2,715	1,992	46	34	...	...	...	...	1	...	...	...	...	1	750	707
22	Shahpur ...	493,535	1,311	1,582	31	38	...	...	...	1	...	...	1	...	...	2	656	576
23	Jhelum ...	605,774	1,590	2,074	31	40	...	...	...	6	1	2	1	...	1	11	750	764
24	Ráwalpindi ...	845,259	2,474	3,071	34	43	...	...	...	5	...	3	5	2	1	16	1,298	1,102
25	Hazára ...	476,125	1,292	1,112	32	27	...	...	...	4	...	4	5	5	1	19	454	386
26	Peshávar ...	679,183	1,832	1,561	32	27	...	...	...	12	2	11	7	...	...	32	693	603
27	Kohát ...	182,487	566	899	37	58	...	...	...	1	1	4	1	...	...	7	378	389
28	Bannu ...	369,972	1,337	2,215	43	70	...	...	...	...	...	...	...	...	...	...	1,065	900
29	D. I. Khan ...	482,463	1,195	2,700	29	66	...	...	...	...	...	...	2	...	...	2	1,233	1,153
30	D. G. Khan...	399,860	891	1,513	26	45	...	...	...	1	2	2	3	...	...	8	791	602
31	Muzaffargarh	381,072	1,019	1,565	31	48	...	...	...	1	1	...	2	2	3	9	718	607
	TOTAL ...	20,553,982	67,19[illegible]	58,358	38	33	...	...	...	66	31	95	92	19	20	323	21,368	19,199
	Total in previous month...	...	71,587	79,593	41	46	...	...	...	6	55	128	97	21	29	393	29,869	28,869
	Total in same month of past year ...	...	83,264	44,262	48	25	...	...	...	590	563	872	978	218	199	3,420	13,259	11,872

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 30th March 1898.

THE MONTH OF JANUARY 1897.

the Punjab during the month of January 1898.

OF DEATH.

Dysentery and Diarrhœa.			Injuries. Suicide.			Injuries. Wounding.			Injuries. Accidents.			Injuries. Snake-bite and killed by wild beasts.			All other causes.			Total Deaths from all causes.			Districts.	No.
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.		
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	1
30	22	52	...	...	...	...	...	...	3	...	3	...	...	...	186	147	333	965	899	1,864	Hissar.	1
13	11	24	...	...	...	...	...	...	1	6	7	...	2	2	195	176	371	645	575	1,220	Rohtak.	2
34	28	62	1	5	6	1	...	1	3	3	6	...	...	...	218	184	402	897	813	1,710	Gurgaon.	3
36	22	58	...	2	2	...	...	...	5	6	11	1	...	1	307	276	583	845	760	1,605	Delhi.	4
19	14	33	1	1	2	...	...	...	11	9	20	...	...	...	365	321	686	1,472	1,233	2,705	Karnál.	5
21	18	39	...	...	...	1	...	1	3	3	6	...	...	...	338	348	686	1,104	1,018	2,122	Umballa.	6
1	3	4	...	...	...	...	...	...	...	1	1	...	...	...	13	9	22	29	19	48	Simla.	7
29	27	56	...	...	...	...	...	...	14	2	16	1	...	1	294	234	528	983	778	1,761	Kángra.	8
20	10	30	2	...	2	1	...	1	12	12	24	...	...	...	514	448	962	1,073	974	2,047	Hoshiárpur.	9
16	16	32	...	...	...	...	...	...	...	...	...	...	...	...	473	527	1,000	963	1,034	1,997	Jullundur.	10
25	20	45	...	1	1	...	...	...	5	5	10	...	...	...	339	366	705	843	922	1,765	Ludhiána.	11
29	16	45	...	...	...	1	...	1	2	2	4	...	...	...	428	399	827	1,268	1,241	2,509	Ferozepore.	12
32	23	55	...	...	...	1	...	1	8	8	16	...	...	...	261	265	526	1,358	1,081	2,439	Mooltan.	13
24	17	41	...	...	...	...	...	...	3	2	5	2	1	3	244	213	457	1,020	934	1,954	Jhang.	14
9	13	22	...	...	...	...	...	...	2	1	3	3	...	3	269	263	532	680	653	1,333	Montgomery.	15
18	13	31	...	...	...	2	...	2	6	5	11	...	1	1	504	441	945	1,411	1,213	2,624	Lahore.	16
39	17	56	1	1	2	1	...	1	12	7	19	3	2	5	549	572	1,121	1,183	1,169	2,352	Amritsar.	17
19	25	44	...	...	...	...	1	1	6	5	11	1	...	1	438	333	771	1,129	923	2,052	Gurdáspur.	18
29	22	51	1	...	1	1	1	2	16	12	28	...	...	...	425	446	871	1,183	1,151	2,334	Siálkot.	19
13	...	13	...	...	...	1	...	1	6	...	6	...	...	...	257	236	493	863	770	1,633	Gujrát.	20
8	6	14	...	...	...	...	2	2	6	2	8	...	...	...	244	266	510	1,008	984	1,992	Gujránwála.	21
22	19	41	...	...	...	1	2	3	2	2	4	...	...	...	169	131	300	851	731	1,582	Shahpur.	22
16	17	33	...	...	...	2	...	2	4	1	5	...	1	1	283	225	508	1,063	1,011	2,074	Jhelum.	23
15	5	20	...	1	1	2	...	2	7	4	11	...	...	...	318	303	621	1,650	1,421	3,071	Ráwalpindi.	24
...	...	...	...	...	...	2	2	4	7	2	9	...	...	...	126	114	240	602	510	1,112	Hazára.	25
9	4	13	...	...	...	10	2	12	11	2	13	...	...	...	111	84	195	857	704	1,561	Peshávar.	26
7	...	7	...	...	...	1	2	3	...	...	...	...	...	...	72	43	115	463	436	899	Kohát.	27
21	14	35	...	1	1	1	...	1	...	1	1	...	...	...	119	93	212	1,206	1,009	2,215	Bannu.	28
39	27	66	...	...	...	1	1	2	3	1	4	...	...	...	139	101	240	1,415	1,285	2,700	D. I. Khan.	29
21	14	35	...	...	...	3	1	4	1	1	2	...	...	...	43	28	71	862	651	1,513	D. G. Khan.	30
27	24	51	...	...	...	...	...	...	3	3	6	1	...	1	109	64	173	861	704	1,565	Muzaffargarh.	31
641	467	1,108	6	12	18	33	14	47	162	108	270	12	7	19	8,350	7,656	16,006	30,752	27,606	58,358	TOTAL.	
1,077	817	1,894	8	7	15	37	8	45	116	90	206	20	14	34	9,420	8,848	18,268	40,759	38,834	79,593	Total in previous month.	
505	355	860	8	10	18	47	14	61	206	127	333	21	3	24	7,318	7,097	14,415	23,044	21,218	44,262	Total in same month of past year.	

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGN.-LT.-COL.,

Sanitary Commissioner, Punjab.

Remarks by the Sanitary Commissioner, Punjab.

Sixty-seven thousand one hundred and ninety-five-births were registered in the Province duri the month of January 1898, giving a birth-rate of 38 per *mille* of population. Of the total number births, 35,486 were boys and 31,709 were girls.

The total number of deaths registered from all causes in the Province during the month January 1898 was 58,358 against 79,593 in the previous month and 44,262 in the corresponding mo of the past year, giving an annual death-rate of 33, 46 and 25 per *mille* of population per ann respectively.

There was not a single death registered under the head of cholera.

From small-pox 323 deaths were registered against 393 in the previous month and 3,420 in corresponding month of the past year; fevers 40,567 against 58,738 and 25,131; dysentery and diarrh 1,108 against 1,894 and 860.

During the month there were 18 deaths registered from suicide against 15 in the past mont wounding 47 against 45; accidents 270 against 206; snake-bite and killed by wild beasts 19 against 34 and from all other causes 16,006 against 18,268 and 14,415 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE, LAHORE: *The 30th March* 1898.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGN.-LT.-Co
Sanitary Commissioner, Punja

Statement showing the number of Births registered according to classes in the several districts of the Punjab during the Month of January 1898.

No.	Districts.	Christians.			Hindus.			Muhammadans.			Other Classes.			Total.			Birth-rate per *mille* per annum.	No.
		Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
1	Hissar ...	...	...	...	798	711	1,509	215	223	438	...	...	...	1,013	934	1,947	30	1
2	Rohtak ...	...	...	...	809	729	1,538	149	129	278	...	...	...	958	858	1,816	36	2
3	Gurgaon ...	...	...	...	866	745	1,611	370	345	715	...	...	...	1,236	1,090	2,326	41	3
4	Delhi ...	1	1	2	784	772	1,556	263	267	530	10	10	20	1,058	1,050	2,108	39	4
5	Karnál ...	...	...	...	1,017	898	1,915	376	369	745	...	...	...	1,393	1,[illegible]67	2,660	36	5
6	Umballa ...	1	...	1	955	805	1,760	376	377	753	...	...	...	1,332	1,182	2,514	37	6
7	Simla ...	1	...	1	27	16	43	9	11	20	...	...	...	37	27	64	21	7
8	Kángra ...	2	1	3	1,075	978	2,053	44	60	104	...	...	...	1,121	1,039	2,160	33	8
9	Hoshiárpur ...	...	...	...	1,268	1,161	2,429	618	601	1,219	1	...	1	1,887	1,762	3,649	42	9
10	Jullundur ..	...	...	...	968	808	1,776	904	878	1,782	...	...	...	1,872	1,686	3,558	47	10
11	Ludhiána ...	...	...	...	798	781	1,579	438	412	850	...	...	...	1,236	1,193	2,429	44	11
12	Ferozepore ...	...	...	...	872	708	1,580	876	829	1,705	...	...	...	1,748	1,537	3,285	45	12
13	Mooltan ...	...	...	...	185	176	361	823	791	1,614	...	...	...	1,008	967	1,975	37	13
14	Jhang ...	...	...	...	226	218	444	768	637	1,405	...	...	...	994	855	1,849	50	14
15	Montgomery ...	...	...	...	179	160	339	518	531	1,049	...	...	...	697	691	1,388	33	15
16	Lahore ...	4	3	7	605	511	1,116	1,455	1,247	2,702	...	...	...	2,064	1,761	3,825	43	16
17	Amritsar ..	...	1	1	1,014	928	1,912	1,019	931	1,950	...	...	...	2,033	1,860	3,893	46	17
18	Gurdáspur ...	4	3	7	858	803	1,661	856	770	1,626	6	15	21	1,724	1,591	3,315	41	18
19	Siálkot ...	13	7	20	730	674	1,404	1,520	1,321	2,841	8	10	18	2,271	2,012	4,283	46	19
20	Gujrát ...	...	...	...	156	115	271	887	770	1,657	...	1	1	1,043	886	1,929	30	20
21	Gujránwála ...	2	3	5	313	325	638	1,123	949	2,072	...	...	...	1,438	1,277	2,715	46	21
22	Shahpur ...	...	...	...	115	114	229	570	512	1,082	...	...	...	685	626	1,311	31	22
23	Jhelum ...	1	...	1	1[illegible]2	96	208	737	644	1,381	...	...	...	850	740	1,590	31	23
24	Ráwalpindi ...	...	...	...	171	143	314	1,137	1,020	2,157	3	...	3	1,311	1,163	2,474	34	24
25	Hazára ...	...	..	...	43	33	76	624	592	1,216	...	...	...	667	625	1,292	32	25
26	Peshávar ...	...	...	...	40	28	68	1,021	742	1,763	1	...	1	1,062	770	1,832	32	26
27	Kohát ...	...	...	...	9	6	15	331	220	551	...	...	...	340	2[illegible]6	566	37	27
28	Bannu ..	...	...	...	86	50	136	652	549	1,201	...	...	...	738	599	1,337	43	28
29	Dera Ismail Khan	...	...	...	100	86	186	541	468	1,009	...	...	...	641	554	1,195	29	29
30	Dera Gházi Khan	...	...	...	71	55	126	427	335	762	3	...	3	501	390	891	26	30
31	Muzaffargarh ...	...	...	...	57	88	145	471	403	874	...	...	...	528	491	1,019	31	31
	TOTAL ...	29	19	48	15,307	13,721	29,028	20,1[illegible]8	17,933	38,051	32	36	68	35,486	31,709	67,195	38	

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 30th March 1898.

W. A. CRAWFORD ROE, F. R. C. S., BRIGADE-SURGEON-LT.-COL.,
Sanitary Commissioner, Punjab.

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of February 1898 as compared with the same month of the previous year.

	Staples.	Total 1898.	Total 1897.	Increase.	Decrease.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
I	Coal and Coke carried for the Public and Foreign Railways	5,193	3.769	1,424	...	
II	Cotton, Raw—					
	(1) Full pressed	6,300	8,230	...	1,9 1	
	(2) Intermediate and half pressed ...	155	116	39	...	
	(3) Unpressed	1,554	1,354	200	...	
III	Cotton, Manufactured—					
	(1) Twist and Yarn, European ...	171	187	...	16	
	(2) Twist and Yarn, Indian ...	203	680	...	387	
	(3) Piece-goods, European ...	1,024	017	1,007	...	
	(4) Piece-goods, Indian	774	1,324	...	550	
IV	Drugs and Chemicals—					
	(1) Intoxicating other than opium ...	6	1	5	...	
	(2) Non-intoxicating—					
	(a) Cinchona bark	...	...	...	...	
	(b) Others	18	118	...	100	
V	Dyes and Tans—					
	(1) Indigo	45	29	16	...	
	(2) Myrabolams	47	11	36	...	
	(3) Cutch	7	7	...	...	
	(4) Turmeric	110	145	...	35	
	(5) Aniline dyes	50	40	10	...	
	(6) Others	210	229	...	19	
VI	Grain and Pulse—					
	(1) Wheat	4,808	5.280	...	472	
	(2) Rice in the husk	262	996	...	734	
	(3) Rice not in the husk	7.234	4397	2,837	...	
	(4) Jowár and Bájra	14.284	8,514	5.770	...	
	(5) Gram and Pulse	3,226	5.000	...	2.673	
	(6) Others	9.409	14.617	...	5,208	
VII	Hides and Skins—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	153	85	68	...	
	(b) Raw	184	266	...	82	
	(2) Skins of sheep, &c.—					
	(a) Dressed or tanned ...	64	103	...	39	
	(b) Raw	216	348	...	132	
VIII	Horns	16	4	12	...	
IX	Jute—					
	(1) Raw	148	184	...	36	
	(2) Gunny bags and cloth	1,312	1,248	64	...	
X	Lac—					
	(1) Stick	26	16	10	...	
	(2) Shell	10	6	4	...	
XI	Leather, Manufactured	30	47	...	17	
XII	Liquors—					
	(1) Beer	150	205	...	55	
	(2) Spirits	...	1	...	1	
	(3) Wines	55	69	...	14	
XIII	Metals—					
	(1) Copper, unwrought	77	42	35	...	
	(2) Brass, unwrought	148	178	...	30	
	(3) Copper, wrought	67	11	56	...	
	(4) Brass, wrought	151	92	59	...	
	(5) Iron	1,400	1,569	...	169	
	(6) Others	173	152	21	...	
XIV	Oils—					
	(1) Kerosene	479	533	...	54	
	(2) Castor	34	48	...	14	
	(3) Cocoanut	26	46	...	20	
	(4) Others	132	100	32	...	

	STAPLES.	Total 1898.	Total 1897.	Increase.	Decrease.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
XV	OIL-SEEDS—					
	(1) Linseed	73	37	36	...	
	(2) Rape and Mustard	490	579	...	89	
	(3) Til or Jinjili	2,730	762	1,968	...	
	(4) Poppy	125	94	31	...	
	(5) Earthnuts	1	1	...	...	
	(6) Castor	412	228	184	...	
	(7) Others	2,008	3,617	...	709	
XVI	OPIUM	450	251	199	...	
XVII	PAPER AND PASTE-BOARD	39	60	...	21	
XVIII	PROVISIONS—					
	(1) Ghi	440	488	...	48	
	(2) Dried Fruits and Nuts ...	1,059	961	98	...	
	(3) Others	5,274	2,460	2,814	...	
XIX	RAILWAY PLANT AND ROLLING STOCK CARRIED FOR THE PUBLIC AND FOREIGN RAILWAYS—					
	(1) Locomotive Engines and Tenders and parts thereof	159	43	116	...	
	(2) Carriages and trucks and parts thereof	512	455	57	...	
	(3) Materials—					
	(a) Steel rails and fish-plates ...	117	1,152	...	1,035	
	(b) Sleepers and keys of steel and cast iron	1,580	2,851	...	1,271	
	(c) Other sorts	2,024	2,022	2	...	
XX	SALT	18,986	18,749	237	...	
XXI	SALTPETRE, &c.—					
	(1) Saltpetre	1,207	1,546	...	339	
	(2) Other saline substances ...	116	138	...	22	
XXII	SILK, RAW—					
	(1) Foreign	10	23	...	13	
	(2) Indian	...	...	...	...	
XXIII	SILK PIECE-GOODS—					
	(1) Foreign	1	6	...	5	
	(2) Indian	...	1	...	1	
XXIV	SPICES—					
	(1) Betelnuts	107	46	61	...	
	(2) Pepper	18	16	2	...	
	(3) Ginger	19	13	6	...	
	(4) Chillies	378	270	108	...	
	(5) Cardamoms	3	37	...	34	
	(6) Others	168	227	...	59	
XXV	STONE AND LIME	1,796	3,573	...	1,777	
XXVI	SUGAR—					
	(1) Refined or crystallized, including sugarcandy.	6,371	7,353	...	982	
	(2) Unrefined, *viz.*, molasses and jaggery or gur and other saccharine produce.	22,108	14,916	7,192	...	
XXVII	TEA—					
	(1) Foreign	16	15	1	...	
	(2) Indian	8	9	...	1	
XXVIII	TIMBER	2,178	3,009	...	831	
XXIX	TOBACCO—					
	(1) Unmanufactured	780	514	266	...	
	(2) Manufactured—					
	(a) Cigars	3	19	...	16	
	(b) Other sorts	36	6	30	...	
XXX	WOOL, RAW	92	56	36	...	
XXXI	WOOL, MANUFACTURED—					
	(1) Piece-goods, European ...	7	5	2	...	
	(2) Piece-goods, Indian	3	3	...	...	
	(3) Shawls	...	1	...	1	
XXXII	ALL OTHER ARTICLES OF MERCHANDISE—					
	(1) Firewood	1,770	1,036	734	...	
	(2) Hay and Grass	446	193	253	...	
	(3) Mowra flowers and seeds ...	363	217	146	...	
	(4) Others	13,669	11,629	2,040	...	
	TOTAL ...	150,202	141,910	28,324	20,032	
	NET INCREASE ...	...	...	8,292	...	

TRAFFIC AUDIT OFFICE,
AJMERE:
The 22nd March 1898.

R. A. ENGLISH,
Chief Auditor and Accountant.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 19th March 1898, on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings* (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	19,058	18,516 4 0	109,347 10	15,975 5 0	88 0 0	34,579 9 0	6,813	6,341	13,154
Or per mile of Railway	...	114 2 1	...	98 7 6	0 8 8	213 2 3	...	...	...
For previous 10 1/7 weeks of half-year	*390,434	*2,21,688 0 0	†1,087,004 20	‡1,67,516 6 0	‡999 0 0	3,90,203 6 0	78,376	45,375	123,751
Total for 11 1/7 weeks ...	409,492	2,40,204 4 0	1,196,351 30	1,83,491 11 0	1,087 0 0	4,24,782 15 0	85,189	51,716	136,905
COMPARISON.									
Total for corresponding week of previous year ...	16,839½	17,764 5 3	119,595 0	13,835 0 0	114 4 6	31,713 9 9	6,425	4,076	10,501
Per mile of Railway corresponding week of previous year.	...	110 11 3	...	86 3 5	0 11 5	197 10 1	...	...	...
Total for corresponding 11 1/7 weeks of previous year ...	180,280½	1,46,664 3 8	1,070,641 30	1,22,585 9 0	716 15 9	2,69,966 12 5	74,447	42,158	116,605

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 23rd March 1898.

* Added No. of passengers 5564 and Rs. 2,857 } On account of difference between the Approximate and Audited figures
† Do. Mds. 31,506 and deducted ,, 683 } for the weeks ended 29th January and 5th February 1898.
‡ Do. ,, 137 }

T. BASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore—7-4-98—690.

No. 15 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, APRIL 14, 1898.

PART I.
STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 12th APRIL 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 14 seers ... Gram 23 seers. Bájra 23 seers.	Crops dependent on rain are being harvested: outturn below average. Prospects of canal crops fair.	...
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Wheat 12½ seers... Gram 15½ seers. Bájra 22½ seers.	Reapings in progress ...	...
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 14½ to 15½ seers. Gram 19 to 20½ seers. Maize 28½ seers.	Harvesting in progress. Threshing commenced in some places.	...
4	Jullundur ...	...	1. Sufficient ... 2. Good.	Wheat 16¾ seers Gram 18 seers. Maize 28 seers.	Crops in good condition. Harvesting of gram and barley commenced. Extra spring sowings nearly completed.	...
5	Ferozepore ...	...	1. Sufficient ...	Wheat 15 seers ... Gram 18 seers. Maize 20 seers. Barley 21 seers. Bájra 18 seers. Jowár 20 seers.	Crops in good condition. Barley and gram crops are being harvested.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
6	Mooltan ...	...	1. Sufficient ...	Wheat, 2nd quality, 12½ seers.	Crops in good condition ...	...
7	Lahore ...	...	1. Sufficient ... 2. Fair.	Wheat 15 to 16 seers. Maize 21 to 28 seers.	Reaping and winnowing of gram and barley in progress. Extra spring crops are being sown. Outturn of wheat and barley is expected to be good and that of rapeseed and gram below average.	Cotton is being sown.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 16½ seers... Maize 27½ seers.	Crops being harvested. Extra spring sowings completed.	...
9	Shahpur ...	...	1. Ample ...	Wheat 16 to 17 seers. Bájra 19 to 22 seers.	Crops promising. Locusts in parts of Bhera Tahsíl; their eggs are being destroyed.	...
10	Ráwalpindi ...	...	1. Sufficient ...	Wheat 17 seers ... Bájra 20 seers. Maize 25 seers.	Prospects good ...	...
11	Pesháwar ...	0·07	1. Sufficient ... 2. Good.	Wheat $15\frac{5}{16}$ seers Maize $25\frac{11}{16}$ seers.	Rain benefited the standing crops	Sugarcane is being sown in some parts of the district.
12	D. I. Khan ...	...	1. Sufficient ... 2. Good.	Wheat 16¼ seers Bájra 26¼ seers.	Condition of standing crops good. Reaping of barley and gram going on. Harvesting of oil-seed crops in progress. Extra spring crops being sown.	Cotton sowings commenced.

GENERAL REMARKS.

Rainfall.—Slight rainfall in Peshávar only.

Prices.—Rising in Ráwalpindi and Dera Ismail Khan; falling in Hissar, Ferozepore, Amritsar and Peshávar; and unchanged elsewhere.

Wheat is selling from 12½ to 17, gram 15½ to 23, bulrush millet 18 to 26¼, maize 20 to 28½, barley 21, and great millet [illegible] seers per rupee.

Agricultural operations.—Reaping and threshing of gram and barley in progress. Extra spring crops, sugarcane and cotton are being sown.

Crops and outturn.—Standing crops are generally reported good. Outturn of gram and oil-seeds is said to be below average in some districts and that of wheat and barley is expected to be good. Crops have been benefited by the recent rain in Peshávar.

Damage done to crops.—Eggs deposited by locusts in parts of Shahpur are being destroyed.

Agricultural stock.—Condition of cattle good.

Pasturage.—Fodder sufficient throughout the Province.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING FEBRUARY 1898.

Stations.	Pressure.		Wind.		Temperature in shade.								
	Barometer at 8 A. M.	Variation from normal.	Mean direction and force in February 1898.	Normal direction and force in February.	8 A. M.	Mean maximum.	Variation from normal.	Mean minimum.	Variation from normal.	Mean monthly variation from normal.	Humidity.	Vapour tension.	Amount of cloud, 10 overcast.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Delhi ...	29·916	—·094	N. 67° W. 6	N. 66° W. 4	55·1	71·8	—3·3	51·7	+ 0·1	— 1·6	69	·307	4
Sirsa ...	29·926	—·094	S. 18° E. 6	N. 28° W. 3	51·7	73·2	—2·0	47·6	+ 1·6	— 0·2	74	·289	2
Umballa ...	29·921	?	N. 36° W. 2	? ?	51·7	70·7	?	48·1	?	?	86	·331	3
Ludhiána ...	29·918	—·092	N. 67° E. 3	N. 48° W. 2	51·8	68·9	—2·6	49·6	+ 3·1	+ 0·3	80	·312	4
Lahore ...	29·927	—·099	N. 31° W. 2	N. 25° W. 2	51·1	69·2	—1·3	48·0	+ 4·1	+ 1·4	81	·309	4
Montgomery ...	29·921	—·106	N. 79° E. 4	? ?	52·0	73·0	+ 0·9	46·6	+ 0·6	+ 0·8	74	·291	2
Siálkot ...	29·935	—·077	N. 59° E. 1	N. 72° W. 2	51·4	69·1	—0·2	47·4	+ 2·1	+ 1·0	78	·297	3
Ráwalpindi ...	29·947	—·073	N. 24° W. 3	N. 77° W. 2	47·2	65·5	+ 1·1	42·5	+ 1·9	+ 1·5	84	·276	5
Khusháb ...	29·938	?	N. 75° E. 4	? ?	50·7	70·1	?	47·3	?	?	75	·283	3
Pesháwar ...	29·941	—·118	S. 3° W. 4	N. 51° W. 3	48·8	66·7	+ 1·0	44·1	+ 2·6	+ 1·8	73	·258	4
Dera Ismail Khan	29·947	—·110	N. 8° E. 2	N. 4° W. 2	50·9	71·0	—1·2	47·7	+ 2·8	+ 0·8	76	·295	3
Mooltan ...	29·930	—·123	N. 30° W. 1	N. 5° E. 2	53·5	73·6	+ 0·7	49·5	+ 3·5	+ 2·1	70	·295	2
Simla ...	23·010	—·070	S. 26° E. 5	S. 22° W. ?	38·1	45·1	—2·0	34·4	— 1·6	— 1·8	62	·134	4
Murree ...	23·752	—·064	S. 58° E. 9	S. 39° E. 8	38·3	45·8	—1·7	35·4	+ 1·5	— 0·1	65	·146	3
Srinagar ...	24·846	?	S. 37° E. 6	? ?	34·2	49·5	?	30·5	?	?	90	·178	7
Astor ...	22·151	?	S. 36° W. 3	? ?	23·3	37·9	?	19·6	?	?	72	·093	6
Minimarg ...	20·348	?	N. 74° E. 4	? ?	17·8	39·0	?	11·4	?	?	87	·089	5
Skardu ...	22·750	?	S. 88° W. 5	? ?	29·6	44·1	?	26·4	?	?	100	·166	7
Dras ...	20·643	?	W. 1	? ?	1·0	27·9	?	—7·4	?	?	68	·045	5
Cherát ...	25·661	?	N. 9° W. 12	? ?	43·4	53·0	?	40·8	?	?	62	·170	3

Quiet weather, with abnormally high temperatures and light winds, prevailed during the first three days of February, but on the 4th a small storm appeared over the south of the Punjab, and the weather temporarily became more cloudy, while light hail-storms were experienced over parts of the hills. On the morning of the 5th the barometer was rising and the weather clearing, but later in the day showers of soft hail were received over the North-West Himalayas and of rain at Umballa. During the 6th, 7th and 8th the weather was generally fine, but the barometer fell steadily during that period, and a large depression gradually developed over North Bombay and Rájpútána drawing the wind into east over Northern India. On the 9th the sky had become cloudy over the Punjab and a shower had been received at Khusháb, while on the 10th the storm had begun to move northward and rain had become general over North-West India. In the Punjab rain was recorded from all stations except Ráwalpindi, Pesháwar and Dera Ismail Khan, the heaviest falls being about 1″ at Delhi and Ludhiána. During the following day, the 11th, the unsettled stormy weather continued with heavyish snow on the hills and rain on the plains. On this day Umballa recorded the unusually large fall of 5·78″, while Siálkot reported 1·68″, Delhi 1·05″ and Simla 1·21″. The storm had filled up by the morning of the 12th, but the weather over the Punjab remained unsettled with showers of snow on the hills and of rain on the plains. At Umballa and Dera Ismail Khan the rainfall was over 1″. The weather on the 13th was fair, but on the 14th another storm had appeared over Sind, the sky had become cloudy over the Punjab, and snow was falling on the hills. These unsettled conditions lasted for five days, during which the storm noticed over Sind passed north-eastward through the Punjab, heavy rain was received at all the plains stations, and a considerable fall of snow at the hill stations. By the 19th the storm had wholly disappeared, and the weather had cleared with hard frost on the hills and an abnormally low temperature all over the plains. With the disappearance of this storm the weather changed, and from the 20th to the end of the month no rain or snow was received in any part of the Province.

Pressure and winds.—The barometer has been very unsteady throughout the month and subject to large changes from day to day. On the 10th and 11th and again on the 16th to 19th, when the two storms noticed above were traversing the Province, the barometer was very largely below the normal average, and the mean pressure of the whole month was lower than usual at all stations both on the hills and plains. The average wind directions for the month show that on and near the hills the wind had been more northerly and easterly than usual during the month, while at the majority of stations the force of the wind had exceeded the normal average.

Temperature.—The mean temperature of the month was lower than the average at the two hill stations and at the stations of Delhi and Sirsa, but was higher than usual elsewhere. The deficiency was more than 1½° at Delhi and Simla, and the excess was 1½° or more at Ráwalpindi and Pesháwar, and was more than 2° at Mooltan. The day or maximum temperatures, except at Montgomery, Ráwalpindi, Pesháwar and Mooltan, were lower than the normal on the average of the month. The deficiency was as much as 3° at Delhi and 2° or over at Sirsa, Ludhiána and Simla; on the contrary the night or minimum temperatures on the mean of the month were higher than usual at all stations except Simla. The excess was large at Ludhiána, Lahore and Mooltan. At Delhi and Mooltan the mean temperature of the month was 61·7° and at Ráwalpindi was 54·0°.

The following table gives (1) the variation from the normal of the mean temperature of the Punjab for each day of the month, and (2) the lowest minimum temperature registered in the Province on each day, with the name of the station at which it was registered :—

Date.	Variation from normal of mean temperature of Province during the previous 24 hours.	Lowest minimum temperature recorded in plains during the previous 24 hours.	Station at which recorded.	Date.	Variation from normal of mean temperature of Province during the previous 24 hours.	Lowest minimum temperature recorded in plains during the previous 24 hours.	Station at which recorded.
1	2	3	4	1	2	3	4
1898.				1898.			
February 1st ...	+ 9·1	44·9	Peshâwar.	February 15th ...	+ 0·9	48·0	Peshâwar.
" 2nd ...	+ 9·0	46·5	Râwalpindi.	" 16th ...	+ 0·7	49·0	Râwalpindi.
" 3rd ...	+ 7·7	43·0	Râwalpindi and Dera Ismail Khan.	" 17th ...	+ 0·2	46·5	Do.
" 4th ...	+ 6·8	41·0	Râwalpindi.	" 18th ...	+ 0·5	38·9	Peshâwar.
" 5th ...	+ 6·4	41·4	Peshâwar.	" 19th ...	— 5·2	38·4	Râwalpindi.
" 6th ...	+ 6·2	41·5	Râwalpindi.	" 20th ...	— 7·5	34·9	Râwalpindi and Peshâwar.
" 7th ...	+ 3·9	39·4	Do.	" 21st ...	— 5·4	34·9	Râwalpindi.
" 8th ...	+ 3·7	39·4	Do.	" 22nd ...	— 6·1	34·4	Do.
" 9th ...	+ 4·3	40·9	Peshâwar.	" 23rd ...	— 6·3	33·9	Peshâwar.
" 10th ...	+ 3·7	44·0	Râwalpindi.	" 24th ...	— 5·8	34·9	Râwalpindi.
" 11th ...	+ 0·2	49·5	Do.	" 25th ...	— 4·1	37·9	Do.
" 12th ...	— 0·5	44·0	Dera Ismail Khan.	" 26th ...	— 2·3	40·0	Do.
" 13th ...	— 0·9	43·5	Râwalpindi.	" 27th ...	+ 0·1	46·5	Do.
" 14th ...	+ 2·0	44·5	Do.	" 28th ...	+ 0·6	46·7	Sirsa.

From the 1st to the 11th the mean temperature of the whole Province exceeded the normal, the amount of the excess diminishing steadily from 9·1° on the 1st to only 0·2° on the 11th; on the 12th and 13th the heat was in trifling defect, while from the 14th to the 18th it was in slight to trifling excess. Then on the 19th, when the weather cleared after the last storm of the month, the temperature fell suddenly, and from the 19th to the 26th was more or less considerably below the normal. On the two last days the heat was nearly the average.

Humidity and cloud.—The mean humidity was fairly high and the amount of cloud considerable—more particularly on the hills.

Rain.—Every part of the Punjab, as well as Kashmir, received rain during the two unsettled periods—February 9th to 12th and 14th to 19th—referred to above. The total amount of the rainfall was exceptionally large and ranged from 9·21″ at Umballa, 7·18″ at Cherát, and 5·75″ at Murree to 1·22″ at Sirsa, 0·99″ at Montgomery and 1·26″ at Mooltan. The amount of the rainfall hence roughly decreased from the hills southward. The fourth column of the table shows that in every part of the Punjab the rainfall of the past month was heavier than usual, while in Kashmir it was apparently lighter. The excess was as much as 8·14″ at Umballa (where the heavy fall on the 11th had brought the total up to a very large amount), 4·84″ at Cherát, and 4·20″ at Dera Ismail Khan, while at Montgomery it was only 0·38″ and at Ráwalpindi 0·57″.

The following table gives the rainfall data for the Punjab stations for February 1898:—

Stations.	Normal average rainfall in February.	Actual rainfall in February 1898.	Difference from the average in February 1898.
1	2	3	4
Punjab, West.	Inches.	Inches.	Inches
Mooltan	0·38	1·26	+ 0·88
Dera Ismail Khan	0·52	4·72	+ 4·20
Khushâb	0·77	2·08	+ 1·31
Peshâwar	0·98	2·60	+ 1·62
Murree	3·73	5·75	+ 2·02
Srinagar	2·94	2·15	— 0·79
Astor	?	1·59	?
Minimarg	?	3·11	?
Skardu	1·45	0·15	— 1·30
Dras	?	2·46	?
Cherát	2·34	7·18	+ 4·84
Ráwalpindi	2·41	2·98	+ 0·57
Siálkot	1·70	4·91	+ 3·21
Lahore	1·10	3·25	+ 2·15
Montgomery	0·61	0·99	+ 0·38
Punjab, East.			
Umballa	1·07	9·21	+ 8·14
Ludhiána	1·23	4·14	+ 2·91
Simla	2·68	5·20	+ 2·52
Delhi	0·61	2·91	+ 2·30
Sirsa	0·27	1·22	+ 0·95

SIMLA: }
The 22nd March 1898. }

W. L. DALLAS,
Meteorological Reporter to Government, Punjab.

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1898

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
HISSAR.	Sirsa ...	2·20	...	0·56	...	2·39	...	2·39	Gram and barley crops have been damaged to some extent by cold and strong winds. Rabi crop being harvested. Prospects fair. Canal crops in good condition. Fodder sufficient. General health of the district good.
	Fatahabad ...	2·32	...	0·49	...	1·14	...	1·14	
	Hissar ...	2·37	...	0·61	...	1·78	...	1·78	
	Hánsi ...	1·99	...	0·40	...	1·11	...	1·11	
	Bhiwáni ...	1·68	...	0·41	...	1·51	...	1·51	
	Budhláda ...	...	...	...	...	1·94	...	1·94	
	Tohána ...	...	...	...	...	2·29	...	2·29	
JIND STATE.	Dhaneta (*c*) ...	...	...	...	...	1·29	...	1·29	
	Safidon (*c*) ...	...	...	...	...	2·50	...	2·50	
	Jind (*c*) ...	...	...	...	...	1·00	...	1·00	
BIKANER STATE.	Channi (*c*) ...	...	...	...	...	1·80	...	1·80	
ROHTAK.	Rohtak ...	2·26	...	0·60	...	1·40	...	1·40	Gram, barley and wheat are being harvested. The outturn is on unirrigated area 6 anna and on irrigated 16 anna. Sugarcane sowings commenced. Health of people good. Fodder plentiful. Stock of grain sufficient. Prices of food-grains are as follows :— Wheat ... 13 seers per rupee. Gram ... 18 " " Jowár ... 22 " " Bájra ... 21 " "
	Gohána ...	2·41	...	0·52	...	1·55	...	1·55	
	Sampla ...	2·00	...	0·43	...	2·02	...	2·02	
	Jhajjar ...	1·84	...	0·39	...	1·48	...	1·48	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1898—(CONTINUED).

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Gurgaon.	Farukhnagar ...	...	...	...	...	1·65	...	1·65	Rabi is being harvested and the prospects are reported to be above the average. Ploughing for the coming kharíf in progress, and indigo is being sown in the canal areas of Palwal, Núh and Ferozepore Tahsíls. General health good. Prices are falling, and stand as below:— Wheat ... 14 seers per rupee. Barley ... 24 " " Jowár ... 20 " " Bájra ... 24 " " Gram ... 15 " "
	Játusána ...	...	...	...	...	0·50	...	0·50	
	Rewári ...	1·64	...	0·32	...	1·81	...	1·81	
	Shahjahánpur ...	...	...	...	...	1·56	...	1·56	
	Tauru ...	...	...	...	...	3·17	...	3·17	
	Núh ...	1·67	...	0·32	...	2·37	...	2·37	
	Fírozpur ...	1·00	...	0·11	...	2·30	...	2·30	
	Hodal ...	...	...	...	...	2·55	...	2·55	
	Hattín ...	...	...	...	...	3·29	...	3·29	
	Palwal ...	2·04	...	0·36	...	3·53	...	3·53	
	Sohna ...	...	...	...	...	2·30	...	2·30	
	Gurgaon ...	2·39	...	0·40	...	2·11	...	2·11	
	Punahána ...	...	...	...	...	2·92	...	2·92	
Delhi.	Ballabgarh ...	1·99	...	0·44	...	2·87	...	2·87	No rain during the month. Rabi crops in fair condition. Prospects of outturn below average on baráni land. Health of people fair. Stocks of food grain and fodder sufficient.
	Mahrauli ...	...	...	...	...	2·45	...	2·45	
	Sadr (Delhi) ...	2·97	...	0·61	...	2·86	...	2·86	
	Sonepat ...	2·36	...	0·53	...	2·30	...	2·30	
Karnal.	Pánipat ...	2·49	...	0·59	...	3·10	...	3·10	Sugarcane and tobacco sowings in progress. High winds in parts of the Kaithal Tahsíl affected the barley, wheat and gram to a slight extent. Prospects good on irrigated lands and general outturn expected to be average. Stocks sufficient. Fodder available. Health of people good. Prices improving: wheat is selling at 13½ seers, gram at 14½ seers, bájra 20 and maize 22 seers.
	Karnal ...	4·02	...	0·94	...	5·94	...	5·94	
	Rajaund ...	...	...	...	...	1·52	...	1·52	
	Kaithal ...	2·36	...	0·49	...	2·19	...	2·19	
	Gulah ...	...	...	...	...	3·62	...	3·62	
	Thanesar (Pipli) ...	3·29	...	0·46	...	6·81	...	6·81	
Umballa.	Jagádhri ...	5·61	...	1·05	...	6·00	...	6·00	Rabi crops in good condition. Harvesting of gram, barley and masúr commenced; and that of wheat will probably commence next week. Health of people generally speaking good. Dry fodder sufficient, green getting scarce. Prices as follows:— Wheat ... 14½ to 15½ seers per rupee. Gram ... 15½ to 15¾ " " Maize ... 24 to 25 " "
	Umballa ...	3·93	...	0·73	0·02	9·46	...	9·46	
	Naráingarh ...	4·77	...	0·64	...	5·63	...	5·63	
	Kharar ...	4·72	...	0·70	...	7·51	...	7·51	
	Rúpar ...	4·84	...	0·61	...	7·84	...	7·84	
	Dádupur (*c*) ...	...	...	...	...	6·50	...	6·50	
Patiala State.	Kotra (*c*) ...	...	...	...	...	1·07	...	1·07	
	Jodhpur (*c*) ...	...	...	...	...	1·62	...	1·62	
	Ràniki (*c*) ...	...	...	...	...	3·55	...	3·55	
	Lehal (*c*) ...	...	...	...	...	2·49	...	2·49	
	Gujran (*c*) ...	...	...	...	...	3·00	...	3·00	
	Barthála (*c*) ...	...	...	...	...	4·18	...	4·18	
Nabha State.	Dadahur (*c*) ...	...	...	...	...	4·00	...	4·00	
	Bundher ...	...	...	...	..	2·16	...	2·16	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1898—(CONTINUED).

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			Rainfall of present year.				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th Septr. 1898.	Total.	Condition of crops and cattle, and health of people.
Simla.	Kasauli ...	7.96	...	2.31	...	6.25	...	6.25	Crops suffering severely from want of rain. Health of people good.
	Bharauli ...	7.96	...	1.69	...	5.76	...	5.76	
	Simla ...	8.42	...	3.14	0.11	6.84	...	6.84	
	Kot Khái ...	10.88	...	3.86	...	5.12	...	5.12	
	Kotgarh ...	11.96	...	4.69	0.15	5.82	...	5.82	
	Kilba ...	Statement not received.							
Kangra.	Plách ...	11.20	...	2.99	0.21	8.31	...	8.31	The rainfall during the month was insufficient, and unless there is good rain in April the crops on unirrigated lands will be below the average. The rape crop has all been cut, and sugarcane and cotton are being sown. The health of the public continues good.
	Kulu ...	17.46	...	4.61	0.18	10.44	...	10.44	
	Nagar ...	13.10	...	5.39	0.11	10.20	...	10.20	
	Pálampur ...	17.35	...	3.75	0.17	8.20	...	8.20	
	Hamírpur ...	8.82	...	1.65	...	6.92	...	6.92	
	Dera ...	9.24	...	2.15	...	5.02	...	5.02	
	Kángra ...	9.99	...	2.79	...	6.10	...	6.10	
	Dharmsala ...	15.66	...	3.83	0.35	11.81	...	11.81	
	Núrpur ...	12.79	...	2.90	...	5.56	...	5.56	
Hoshiarpur.	Dasúya ...	6.14	...	2.05	...	6.38	...	6.38	The state of the crops in Tahsíls Dasúya, Garhshankar and Una, except in the hilly portions, is good, and in Tahsíl Hoshiárpur and the hilly portions of the district it is average. Some damage was caused to the crops by the dust storm at the beginning of the month. Cutting of barley is in progress, and sarson and masúr have been cut. The outturn is average. Supplies of food-grains and fodder are sufficient. Gram is being exported from Tahsíl Dasúya to Jullundur and Gurdáspur and fodder to Jullundur.
	Una ...	5.12	...	0.86	...	6.61	...	6.61	
	Garhshankar ...	5.24	...	0.91	...	7.78	...	7.78	
	Sadr Station ...	6.06	...	1.38	...	6.17	...	6.17	
	Hoshiárpur ...	...	...	...	...	6.09	...	6.09	
Jullundur.	Jullundur ...	4.53	...	1.15	...	4.19	...	4.19	Crops in good condition.
	Nakodar ...	3.28	...	0.84	...	5.64	...	5.64	
	Phillour ...	3.66	...	0.73	...	4.88	...	4.88	
	Nawashahr ...	4.66	...	0.93	...	6.71	...	6.71	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1898—(CONTINUED).

Explanation :— (c) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report	1st October 1897 to 31st March 1898.	1st April 1898 to 30th Septr. 1898.	Total.	Condition of crops and ca[illegible] and health of people.
Ludhiana.	Samrála ...	3·51	...	0·69	...	4·65	...	4·65	The standing crops are all in good con[illegible]dition. The extra rabi crops have be[illegible] sown, and lands are being prepared [illegible] sowing cotton all over the distr[illegible] Health of people is good. Fodder [illegible] grain stocks are sufficient through[illegible] the district.
	Ludhiána ...	4·15	...	1·02	...	4·16	...	4·16	
	Jagraon ...	2·44	...	0·31	...	4·82	...	4·82	
Ferozepore.	Moga ...	2·14	...	0·32	...	4·92	...	4·92	Stocks of food-grains sufficient for [illegible] requirements.
	Zíra ...	2·47	...	0·62	...	5·22	...	5·22	Fodder sufficient. Condition of c[illegible] good.
	Ferozepore Sadr ...	2·67	...	0·77	...	4·79	...	4·79	Prices—
	Ferozepore City ...	...	...	...	...	5·80	...	5·80	Wheat ... 14¼ seers.
	Muktsar ...	1·15	...	0·25	...	2·83	...	2·83	Gram ... 15¼ „
	Fázilka ...	...	...	...	...	2·13	...	2·13	Barley ... 19¾ „
	Nathána ...	...	...	...	...	2·46	...	2·46	Jowár ... 20 „
	Jalálabad ...	...	...	...	...	1·90	...	1·90	Maize ... 20 „
	Gobindgarh (c) ...	...	...	...	...	1·40	...	1·40	Health of people generally good.
	Phidda (c) ...	...	...	...	...	2·00	...	2·00	
Mooltan.	Mailsi ...	0·72	...	0·07	...	2·18	...	2·18	Condition of rabi crops good. Hea[illegible] people good. Stock of food-grain[illegible] fodder sufficient. Prices high. Com[illegible] staple food-grain, second quality, [illegible] seers. Locusts passed through T[illegible] Lodhrán and Shujabád, but did [illegible] damage.
	Lodhrán ...	0·91	...	0·09	...	2·54	...	2·54	
	Shujabad ...	0·93	...	0·31	...	2·04	...	2·04	
	Mooltan ...	1·17	...	0·47	...	1·88	...	1·88	
	Kabirwála ...	1·12	...	0·41	...	1·75	...	1·75	
Jhang.	Shorkot ...	1·66	...	0·63	...	2·27	...	2·27	Rabi crops generally good. W[illegible] was attacked by "kungi" and o[illegible] by "tela"; both "kungi" and "[illegible] have since been swept away by th[illegible] water. Locusts appeared in th[illegible] colony and hatched eggs, but the[illegible] immediately destroyed before any [illegible] was done Health of people g[illegible] good.
	Jhang ...	1·79	...	0·80	...	2·20	...	2·20	
	Chiniot ...	1·97	...	0·60	...	3·54	...	3·54	
	Badwáli (c) ...	...	...	...	...	2·90	...	2·90	
	Tarkhan (c) ...	...	...	...	...	2·35	...	2·35	
	Murídwála (c) ...	...	...	...	...	3·29	...	3·29	
	Khewra (c) ...	...	...	...	...	2·70	...	2·70	
	Lalkani (c) ...	...	...	...	...	2·60	...	2·60	
	Lyallpur (c) ...	...	...	...	...	3·50	...	3·50	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1898—(CONTINUED).

Explanation:—(*C*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
MONTGOMERY	Gugera ...	1·46	...	0·28	...	3·02	...	3·02	*Crops.*—Prospects of the standing rabi very fair. Kharíf cultivation has commenced. In the beginning of March the cool breeze destroyed the buds and flowers of gram crops, but the plants have brought forth new buds, and little damage is thus expected. Health good. Food-grain sufficient.
	Montgomery ...	1·68	...	0·47	...	1·61	...	1·61	
	Pákpattan ...	1·18	...	0·29	...	0·87	...	0·87	
	Dipálpur ...	1·44	...	0·22	...	2·89	..	2·89	
	Sandyanwala (*C*) ...	...	...	...	...	...	...	...	
LAHORE.	Van (*C*) ...	2·64	...	0·27	...	4·70	...	4·70	Wheat and barley crops are generally good, rapeseed crop has been materially damaged by blight, and gram by wind, storm and cold. Canal supply is not sufficient. Health of people good.
	Chunián ...	1·66	...	0·36	...	4·17	...	4·17	
	Kasúr ...	1·70	...	0·40	...	4·81	...	4·81	
	Pambe (*C*) ...	2·48	...	0·42	...	4·90	...	4·90	
	Sharakpur ...	1·79	...	0·38	...	4·04	...	4·04	
	Niáz Beg (*C*) ...	3·72	...	0·60	...	3·88	..	3·88	
	Lahore ...	3·07	...	0·65	...	5·62	...	5·62	
	Meean Meer (*C*) ..	4·39	...	0·66	...	5·80	...	5·80	
	Manihála (*C*) ...	2·82	...	0·74	...	4·05	...	4·05	
	Dafthu (*C*) ...	...	...	...	...	3·30	...	3·30	
	Nijábat (*C*) ...	...	...	...	...	2·24	...	2·24	
AMRITSAR.	Buchar (*C*) ...	4·06	...	1·15	...	5·93	...	5·93	The rabi crops are in excellent condition. Some extra rabi crops are being sown. The sowing of cotton and sugarcane has also commenced. Stock of food-grain is sufficient. The health of people is good. Fodder is sufficient. Prices are falling. Wheat ... 16 seers per rupee. Gram ... 16-17 " " Barley ... 25-26 " " Maize ... 27 " " Jowár ... 19 " "
	Khara (*C*) ...	2·38	...	0·91	...	5·48	...	5·48	
	Tarn Táran ...	3·51	...	0·75	...	5·42	...	5·42	
	Raya (*C*) ...	4·59	...	1·25	...	4·44	...	4·44	
	Jail Hospital (Amritsar).	4·52	...	0·84	...	5·54	...	5·54	
	Amritsar (*C*) ...	...	...	...	...	6·40	..	6·40	
	Buggeh (*C*) ...	3·96	...	0·63	...	8·10	...	8·10	
	Ajnála ...	3·09	...	0·49	...	6·13	...	6·13	
GURDASPUR.	Aliwál (*C*) ...	4·00	...	0·08	...	4·58	...	4·58	Condition of crops generally excellent Health of people good.
	Batála ...	5·53	...	1·31	...	4·33	...	4·33	
	Tibri (*C*) ...	5·77	...	1·21	...	6·20	...	6·20	
	Gurdaspur ...	5·43	...	1·43	...	7·35	...	7·35	
	Pathánkot ...	8·15	...	1·97	...	6·91	...	6·91	
	Dalhousie ...	13·32	...	3·93	0·10	13·34	...	13·34	
	Mádhopur (*C*) ...	10·62	...	1·75	...	6·40	...	6·40	
	Shakargarh ...	6·92	...	1·75	...	6·04	...	6·04	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1898—(CONTINUED).

Explanation :—(*C*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
SIALKOT.	Zafarwál ...	5·70	...	1·40	...	5·22	...	5·22	There has been no rain during the month. The crops on irrigated lands promise well, those on baráni lands sown too late have suffered in some parts for want of rain. Ploughings for kharíf in progress, and the sowings of cotton, cane and extra rabi crops have commenced. Green fodder is sufficient, and the stock of grain with Sáhúkárs has diminished, as the greater portion has been sold. Prices have fallen, and wheat is sold at 15 seers per rupee. Health of people good.
	Pasrúr ...	5·85	...	1·39	...	5·56	...	5·56	
	Raya ...	4·03	...	0·94	...	6·19	...	6·19	
	Daska ..	4·94	...	1·09	...	6·76	...	6·76	
	Siálkot ...	5·87	...	1·38	...	5·89	...	5·89	
GUJRAT.	Gujrat (Sadr) ...	6·52	...	2·12	...	6·13	...	6·13	The crops on baráni lands sown in December 1897 have withered and the area become "kharába." The crops sown before December, it is expected, will be average. The crops on cháhi and sailáb lands are in good condition, but have been effected to some degree by the high winds that have been blowing during the month. Out-turn of barley is good. A large swarm of locusts appeared in the district: no damage to crops. Destruction of locusts in progress. Fodder procurable. Prices falling. Stock of food-grain sufficient with Sáhúkárs.
	Khárián (Lála Musa)	6·35	...	1·64	...	5·85	...	5·85	
	Phália ...	4·65	...	1·17	...	4·24	...	4·24	
GUJRANWALA.	Rámnagar ...	3·02	...	1·17	...	5·84	...	5·84	Condition of crops generally good. Wheat, barley and gram damaged by dust storms to some extent. Health of people generally good. Prices falling. Fodder sufficient. Stock of food-grain also sufficient.
	Wazírabad ...	4·57	...	1·01	...	5·86	...	5·86	
	Sadr Kacheri (Gujranwala).	4·86	...	1·22	...	4·68	...	4·68	
	Shekhupura ...	2·14	...	0·54	...	5·47	...	5·47	
	Háfizabad ...	3·79	...	0·86	...	6·86	...	6·86	
	Khángah Dográn ...	...	...	...	...	6·76	...	6·76	
	Rámpur (*C*) ...	...	...	...	...	5·00	...	5·00	
	Pacca Dalla (*C*) ...	...	...	...	...	4·10	...	4·40	
	Firoz (*C*) ...	...	...	...	...	3·80	...	3·80	
SHAHPUR.	Midh ...	3·88	...	0·42	...	4·00	...	4·00	Crops good. Fodder sufficient. Health of people good. Locusts have appeared both on the Jhelum and Chenab and laid eggs. Continuous efforts are being made for their destruction.
	Sáhiwál ...	2·88	...	0·90	...	2·50	...	2·50	
	Núrpur ...	1·96	...	0·60	...	2·65	...	2·65	*Prices.*
	Mitha Tiwána ...	2·48	...	0·42	...	1·25	...	1·25	Wheat ... ... 16 seers.
	Sakesar ...	0·97	...	0·38	...	9·73	...	9·73	Barley ... ... 22 "
	Naushahra ...	4·10	...	1·12	...	4·51	...	4·51	Gram ... ... 18 "
	Khusháb ...	2·47	...	0·58	...	3·49	...	3·49	Bájra ... ... 21 "
	Shahpur ...	3·58	...	0·85	...	3·85	...	3·85	Jowár ... ... 20 "
	Bhera ...	3·61	...	1·06	...	4·92	...	4·92	
	Miáni ...	4·72	...	1·66	...	4·20	...	4·20	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1898—CONTINUED.

Explanation :—(*c*)=Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
District	Rain-gauge Station.	Rainfall. Average Rainfall of past years. 1st October to 31st March.	1st April to 30th September.	For month under report.	Rainfall of present year. Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Jhelum.	Pind Dádan Khan ...	4·18		0·64	...	5·25	...	5·25	The crops which were sown in December last have to some extent dried up for want of rain, and the crops sown previous to December are not as good as they were expected to be owing to no rain having fallen in March. With the exception of Tahsíl Talagang locusts have visited the other Tashíls, and in some places they have been depositing eggs which have to a great extent been destroyed. Young locusts have made their appearance and are being destroyed. Prices were falling, but owing to no rain the rates are now stationary. Stock of grain is sufficient. Some of the rabi cro s are under sickle. Fallow land is being ploughed up by the Zamindárs. No inundation in the river. Fodder plentiful, health of people good.
	Jhelum (Sadr) ...	5·49	...	1·33	0·20	7·33	...	7·33	
	Chakwál ...	4·23	...	1·18	0·12	5·86	...	5·86	
	Talagang ...	4·82	...	1·28	0·34	4·25	...	4·25	
Rawalpindi.	Pindigheb ...	5·01	...	1·45	0·43	5·55	...	5·55	Rabi prospects very good, but late sown crops have suffered from the recent drought, especially in Pindigheb Tahsíl. Locusts passed through Fatehjang Tahsíl, but did no damage.
	Fatahjang ...	6·09	...	1·60	0·52	6·95	...	6·95	
	Attock ...	6·51	...	1·70	0·09	7·42	...	7·42	
	Rawalpindi ...	8·87	...	2·10	0·57	6·63	...	6·63	
	Gujar Khan ...	7·53	...	1·63	0·22	6·13	...	6·13	
	Kahúta ...	8·60	...	1·80	1·04	6·54	...	6·54	
	Murree ...	9·53	...	3·89	2·84	12·93	...	12·93	
Hazara.	Abbott-abad ...	14·82	...	4·27	3·90	13·63	...	13·63	Standing crops flourishing, save on plain dry tracts of Haripur Tahsíl. Rain wanted. Ploughing for kharíf crops going on. Water from irrigation cuts ample. Fodder and grain stock sufficient.
	Mánsahra ...	14·87	...	5·15	3·41	11·16	...	11·16	
	Haripur ...	11·24	...	3·67	0·93	6·22	...	6·22	
Peshawar.	Swábi ...	5·88	...	1·16	2·82	8·67	...	8·67	Sowings of extra rabi crops, tobacco, melon and sugarcane commenced during the month. The rains during the month have proved very beneficial to the standing rabi crops. Condition of standing rabi crops both on irrigated and unirrigated lands is good. There was a slight fall of hail in some villages of the District, but no damage was done to the crops. Stock of food-grains and fodder sufficient. Prices of food-grain are falling. The following are the prices current in the Peshâwar City on the last day of the month :— Wheat ... $14\frac{10}{16}$ seers, Maize ... $24\frac{14}{16}$ „ per rupee. Health of people good.
	Lahore (Utman Bolak)	6·01	...	1·01	1·00	5·86	...	5·86	
	Nowshera ...	6·15	...	1·57	0·45	6·68	...	6·68	
	Mardán ...	6·66	...	2·12	1·47	7·31	...	7·31	
	Katlang ...	5·27	...	1·19	2·00	3·99	...	3·99	
	Chársada ...	5·17	...	1·42	1·95	5·76	...	5·76	
	Nabakki ...	5·95	...	2·05	2·14	6·22	...	6·22	
	Peshawar ...	5·42	...	1·71	2·11	5·77	...	5·77	
	Abazai (*c*) ...	...	...	...	...	3·35	...	3·35	
	Khán Máhi (*c*) ...	...	...	...	...	3·20	...	3·20	
	Pára Chinár (Kurram)	...	...	...	...	9·57	...	9·57	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1898—(CONTINUED).

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
KOHAT.	Kohát ...	6·31	...	2·03	1·56	5·94	...	5·94	Good rain fell during the month under report, which has much benefited the standing crops on the unirrigated lands. The crops on irrigated lands are in a flourishing state. There is sufficient water in the springs, but in the Kohát Toi it is running short. Hail fell in two villages of the Kohát Tahsil and in four villages of the Teri Tahsíl, but no appreciable damage was done to the crops. Health of the people was generally good. Fodder is plentiful and stocks of food-grain are sufficient. Prices continue to fall.
	Hangu ...	...	...	...	2·94	6·99	...	6·99	
	Thal ...	...	...	...	1·98	7·12	...	7·12	
	Banda Daud Shah ...	...	...	...	1·49	5·24	...	5·24	
	Khushálgarh ...	...	...	...	0·13	0·13	...	0·13	
BANNU.	Miánwáli ...	2·50	...	0·59	...	4·16	...	4·16	Prospects of the rabi crops has very much improved, and the present condition of crops throughout the District is good. Stocks of grain are sufficient in all Tahsils. Fodder generally sufficient. Prices falling. Health of people is good. Canals working well.
	Isa Khel ...	2·79	...	0·44	0·50	4·81	...	4·81	
	Bannu ...	3·28	...	1·31	1·17	4·46	...	4·46	
	Marwat ...	3·31	...	1·46	0·34	3·34	...	3·34	
DERA ISMAIL KHAN.	Tánk ...	1·71	...	0·88	0·17	2·65	...	2·65	The condition of the standing rabi crops is good. Sarshaf and Ussun crops are being threshed. Gram and barley are being reaped. The sowing of the cotton and extra rabi crops is in progress. The health of the people is good. Fodder sufficient. Prices high:— Wheat 16¼ seers, and Bajra 23¾ „ } per rupee.
	Kuláchi ...	1·77	...	0·61	0·24	2·84	...	2·84	
	Dera Ismail Khan...	2·24	...	0·81	0·09	5·04	...	5·04	
	Bhakkar ...	1·59	...	0·43	...	2·40	...	2·40	
	Leiah ...	1·48	...	0·48	...	1·70	...	1·70	
	Shekh Budín ...	...	...	...	0·19	4·88	...	4·88	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MARCH 1898—(CONCLUDED).

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Dera Ghazi Khan.	Sanghar ...	1·40	...	0·44	...	1·69	...	1·69	Rabi harvesting begun. Condition of crops good, except that "Mattar" and gram have been damaged by cold winds. Fodder and food-grains plentiful. Health of people good.
	Dera Ghazi Khan...	**1·99**	...	**0·65**	...	**1·25**	...	**1·25**	
	Fort Munro ...	0·75	...	0·12	...	1·23	...	1·23	
	Jámpur ...	0·88	...	0·36	...	1·17	...	1·17	
	Rájanpur ...	0·52	...	0·17	...	0·84	...	0·84	
Muzaffargarh.	Alípur ...	1·00	...	0·21	...	2·05	...	2·05	Rabi crops average. Sugarcane being sown Stocks of food-grain and fodder sufficient.
	Muzaffargarh ...	**1·06**	...	**0·34**	...	**1·86**	...	**1·86**	Rabi crops above average. Health of people good. Stocks of food and fodder sufficient.
	Sinánwán ...	1·48	...	0·64	...	1·29	...	1·29	Rabi crops above average. Stocks of food-grain and fodder sufficient. In Tahsíl Alipúr and Sinánwán few of the canals supply water.

Memo of errors.

For the month af February 1898.

Against Sirsa (Hissar District) in columns 7 and 9 for 1·39 read 2·39.

„ Hissar (Ditto) ditto 1·75 read 1·78.

„ Hansi (Ditto) ditto 1·14 read 1·11.

Please read Thánesar (Piplí) against Karnál instead of Umballa.

Feroz (Gujránwála District) in columns 6, 7 and 9 for 14·49, 15·60, and 15·60 read 2·60, 3·80 and 3·80 respectively.

P. D. SHROFF, *Supdt.,*

Office of Director of Land Records and Agriculture, Punjab.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

QUANTITIES PER RUPEE BY THE

1	2			3			4			5		
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (comm*		
DISTRICTS.	Present fortnight ending 31st March 1898.	Past fortnight ending 15th March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st March 1898.	Past fortnight ending 15th March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st March 1898.	Past fortnight ending 15th March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st March 1898.	Past fortnight ending 15th March 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs	Srs	Srs	Srs.	Srs.	Srs.
Hissar ...	14	13	10	20	20	11	...	...	...	10	10	8
Rohtak ...	12	12	8	18	16	10	...	...	...	10	10	9
Gurgaon ...	14	13	8	24	24	12	...	...	...	8	8	7
Delhi ...	12	13	9	21	24	13	...	...	...	10	10	9
Karnál ...	14	13	9	23	20	12	...	...	...	12	10	8
Umballa ...	16	16	9	21	20	10	...	...	...	10	10	8
Símla ...	12	11	8	16	16	8	...	...	...	9	9	7
Kángra ...	15	14	10	22	21	10	...	...	...	11	12	9
Hoshiárpur ...	18	17	8	20	20	10	...	...	...	11	11	8
Jullundur ...	18	16	9	20	19	9	...	...	...	8	8	8
Ludhiána ...	16	15	9	19	19	12	...	...	...	8	7	8
Ferozepore ...	14	14	9	21	20	13	...	...	...	7	7	7
Mooltan ...	11	11	8	23	21	12	...	...	...	13	13	8
Jhang ...	16	16	7	26	26	12	...	...	...	12	12	8
Montgomery...	15	13	8	23	22	‡	...	...	...	10	10	7
Lahore ...	15	13	8	26	21	10	...	...	...	10	9	8
Amritsar ...	15	14	9	24	19	12	...	...	...	9	9	7
Gurdáspur ...	17	15	10	21	20	11	...	...	...	10	10	8
Siálkot ...	15	14	8	24	19	12	...	...	...	11	11	7
Gujrát ...	16	13	8	18	16	10	...	...	...	9	9	8
Gujránwála ...	16	15	9	25	23	13	...	...	...	11	11	8
Shahpur ...	15	16	8	28	26	12	...	...	...	7	7	6
Jhelum ...	16	17	8	23	20	12	...	...	...	10	10	8
Ráwalpindi ...	15	17	9	32	25	13	...	...	...	8	8	7
Hazára ...	14	14	9	25	22	12	...	...	...	9	[illegible]	8
Pesháwar ...	15	13	8	27	26	12	...	...	...	8	9	8
Kohát ...	17	16	9	29	21	14	...	...	...	12	11	9
Bannu ...	25	20	8	39	38	13	...	...	...	11	11	8
D. I. Khan ...	16	16	8	28	25	13	...	...	...	7	6	6
D. G. Khan ...	13	12	7	23	15	9	...	...	...	12	13	7
Muzaffargarh	14	13	8	18	18	‡	...	...	...	12	12	9

† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST MARCH 1898.

RDINARY SEER OF 80 TOLAS.

6			7			1	
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*				
Present fortnight ending 31st March 1898.	Past fortnight ending 15th March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st March 1898.	Past fortnight ending 15th March 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
23	23	11	22	23	9	Hissar.	
22	22	9	21	20	9	Rohtak.	
20	20	11	24	23	9	Gurgaon.	
21	21	10	21	21	8	Delhi.	
21	22	9	20	20	8	Karnál.	
28	25	11	22	19	10	Umballa.	
17	16	8	17	17	8	Simla.	
†	†	§	†	†	§	Kángra.	
18	22	10	17	18	8	Hoshiárpur.	
17	20	§	19	19	8	Jullundur.	
23	20	10	21	22	10	Ludhiána.	
21	19	11	20	19	10	Ferozepore.	
18	18	9	18	17	9	Mooltan.	
28	25	§	22	20	§	Jhang.	
19	17	10	17	16	§	Montgomery.	
20	19	11	18	17	10	Lahore.	
18	18	11	18	18	9	Amritsar.	
20	20	10	11	11	10	Gurdáspur.	
18	18	11	18	18	§	Siálkot.	
17	17	10	17	17	10	Gujrát.	
18	18	11	17	18	10	Gujránwála.	
16	16	10	18	18	9	Shahpur.	
20	19	11	18	17	9	Jhelum.	
24	22	12	20	19	9	Ráwalpindi.	
§	§	§	16	15	§	Hazára.	
24	[illegible]	13	16	16	9	Pesháwar.	
§		†	23	22	10	Kohát.	
41	31	12	35	26	8	Bannu.	
34	32	11	24	23	9	D. I. Khan.	
23	21	9	21	19	9	D. G. Khan.	
15	15	10	16	16	10	Muzaffargarh.	

duced.

eurable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICT[S]

QUANTITIES PER RUPEE [...]

1	8			9			10			11		
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 31st March 1898.	Past fortnight ending 15th March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st March 1898.	Past fortnight ending 15th March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st March 1898.	Past fortnight ending 15th March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st March 1898.	Past fortnight ending 15th March 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	17	17	11	†	§	10
Rohtak ...	†	†	†	10	10	10	17	15	9	18	18	10
Gurgaon ...	†	†	†	†	†	†	14	13	10	16	16	11
Delhi ...	†	†	†	13	13	8	14	15	10	19	20	11
Karnál ...	24	24	10	8	8	8	14	16	10	21	22	9
Umballa ...	§	§	12	16	16	10	16	15	10	26	26	10
Simla ...	13	14	§	8	8	8	13	12	9	21	20	10
Kángra ...	§	§	‡	‡	‡	§	12	12	9	21	22	10
Hoshiárpur ...	20	20	§	13	13	9	19	16	10	26	25	10
Jullundur ...	§	§	§	16	16	12	18	16	10	26	25	11
Ludhiána ...	†	†	†	15	15	10	17	15	10	25	22	11
Ferozepore ...	†	†	†	20	20	8	18	17	10	24	19	10
Mooltan ...	†	†	†	14	14	7	15	13	9	17	16	[illegible]
Jhang ...	24	24	8	28	20	10	13	14	9	25	26	9
Montgomery ...	§	§	§	†	†	†	14	14	9	20	§	‡
Lahore ...	§	§	§	17	17	8	16	15	10	21	18	11
Amritsar ...	†	†	†	17	16	6	16	14	10	26	21	10
Gurdáspur ...	§	§	14	12	12	10	17	16	11	20	20	10
Siálkot ...	§	§	§	§	§	§	14	14	10	19	18	10
Gujrát ...	†	†	†	7	7	§	13	13	9	20	18	10
Gujránwála ...	†	†	†	16	‡	15	16	16	10	20	19	10
Shahpur ...	16	16	8	16	16	8	16	16	9	16	16	10
Jhelum ..	†	‡	‡	‡	‡	‡	17	15	10	19	19	10
Ráwalpindi ...	‡	‡	‡	12	12	10	15	14	9	24	23	9
Hazára ...	†	†	§	§	§	§	13	12	9	20	20	10
Peshávar ...	†	†	†	16	16	9	14	13	9	25	[illegible]	9
Kohát ...	†	†	†	§	§	§	21	15	10	23	[illegible]	11
Bannu ..	13	13	9	7	7	10	28	20	10	43	36	[illegible]
D. I. Khan ...	§	§	§	4	4	4	20	18	11	24	24	11
D. G. Khan ...	§	§	§	§	§	§	15	12	9	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	14	13	10	§	§	§

† Not pro[...]
‡ Not sold.
§ Not pro[...]

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST MARCH 1898—continued.

12			13			1	
THE ORDINARY SEER OF 80 TOLAS.							
Arhur or Thur, Cadjan Pea (Ca[illegible]us Indicus).			*Firewood.*				
Present fortnight ending 31st March 1898.	Past fortnight ending 15th March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st March 1898.	Past fortnight ending 15th March 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
†	†	†	100	100	100	Hissar.	
10	10	10	100	100	120	Rohtak.	
12	12	11	140	130	120	Gurgaon.	
13	13	11	90	90	100	Delhi.	
13	8	8	160	160	160	Karnál.	
§	§	§	140	140	150	Umballa.	
7	7	6	80	80	80	Simla.	
10	10	§	100	100	100	Kángra.	
8	8	6	110	110	130	Hoshiárpur.	
§	§	§	100	100	100	Jullundur.	
8	7	7	110	95	110	Ludhiána.	
7	7	7	100	120	110	Ferozepore.	
†	†	†	100	100	110	Mooltan.	
8	8	7	160	160	160	Jhang.	
‡	‡	6	250	260	310	Montgomery.	
9	8	7	89	89	95	Lahore.	
§	§	†	100	100	110	Amritsar.	
§	§	§	100	100	120	Gurdáspur.	
§	§	§	120	120	120	Siálkot.	
†	†	†	140	110	110	Gujrát.	
11	11	†	115	115	95	Gujránwála.	
†	†	†	160	160	160	Shahpur.	
†	‡	‡	120	120	120	Jhelum.	
‡	‡	‡	65	65	80	Ráwalpindi.	
†	†	†	81	81	115	Hazára.	
14	14	13	57	52	83	Peshávar.	
†	†	†	102	102	140	Kohát.	
5	5	8	70	70	74	Bannu.	
6	5	7	125	125	125	D. I. Khan.	
§	§	§	100	100	100	D. G. Khan.	
5	‡	§	140	140	140	Muzaffargarh.	

REMARKS ON CURRENT VARIATIONS.

Firewood.—Prices average 115 seers as compared with 114 seers in last fortnight and 122 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Seers.	Seers.	Seers.
Gurgaon ...	120	130	140
Hoshiárpur ...	130	110	110
Montgomery ...	310	260	250
Gujrát ...	110	110	140
Kohát ...	140	102	102
Bannu ...	74	70	70

duced.

curable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt.					
DISTRICTS.	Present fortnight ending 31st March 1898		Past fortnight ending 15th March 1898.		Corresponding fortnight of 1897.	
	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 4	11 0	11 4	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	13 4	12 0	12 0	11 0
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 12
Simla	9 0	8 8	10 0	9 0	10 0	9 0
Kángra	*	10 0	*	10 0	*	11 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 8	12 8	13 0	12 8	13 0	12 8
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	12 4	12 4	12 4	12 4	13 0	12 8
Jhang	12 5	12 0	12 10	12 8	12 4	12 0
Montgomery	12 12	12 8	12 12	12 8	12 12	12 8
Lahore	13 8	13 0	13 4	12 12	13 6	13 2
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 8
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	13 12	13 8	13 12	13 8	13 12	13 8
Shahpur	13 8	13 0	13 8	13 0	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	13 12	14 0	13 12	13 14	13 12
Hazára	*	11 8	*	11 8	*	11 8
Peshâwar	15 0	14 0	16 0	15 0	20 0	[illegible]
Kohát	19 2	16 10	19 2	16 10	24 4	[illegible] 11
Bannu	22 8	20 0	22 8	20 0	23 0	20 0
D. I. Khan	15 0	14 0	16 0	15 0	16 4	15 8
D. G. Khan	12 8	11 4	15 0	13 12	14 2	13 2
Muzaffargarh	*	12 0	*	12 0	*	12 0

* No whole-

† Not pro

‡ Not sold.

§ Not pro-

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST MARCH 1898—concluded.

15			16			1
THE ORDINARY SEER OF 80 TOLAS.						
Gur.			*Cotton (unginned).*			
Present fortnight ending 31st March 1898.	Past fortnight ending 15th March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st March 1898.	Past fortnight ending 15th March 1898.	Corresponding fortnight of 1897.	DISTRICTS
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
10 0	10 0	11 0	7 8	7 8	7 8	Hissar.
11 0	11 0	12 0	9 0	10 0	9 0	Rohtak.
10 8	10 8	11 0	9 0	9 0	9 0	Gurgaon.
9 0	9 0	8 12	9 8	9 8	9 0	Delhi.
11 0	11 0	11 0	10 0	10 0	10 0	Karnál.
9 0	9 10	11 0	10 0	10 8	9 0	Umballa.
6 8	6 8	8 8	†	†	†	Simla.
8 0	8 0	9 0	6 0	6 0	6 0	Kángra.
8 0	8 0	11 0	10 0	10 0	8 0	Hoshiárpur.
9 0	8 0	11 0	11 0	11 0	9 8	Jullundur.
7 8	7 0	8 0	8 0	8 8	7 8	Ludhiána.
8 12	8 12	9 12	9 12	9 12	8 12	Ferozepore.
8 8	8 8	9 0	9 0	9 0	9 0	Mooltan
9 8	9 4	10 0	10 0	11 0	9 0	Jhang
8 8	9 0	8 12	10 0	9 0	10 0	Montgomery.
8 4	8 8	9 8	9 5	9 4	8 2	Lahore.
8 8	8 8	10 0	9 4	9 4	8 12	Amritsar.
10 0	10 0	11 0	9 0	9 0	8 0	Gurdáspur.
9 0	9 0	11 8	8 8	8 8	8 0	Siálkot.
8 0	8 8	11 0	9 0	9 0	9 0	Gujrát.
8 10	8 14	10 8	10 0	10 8	9 8	Gujránwála.
8 0	8 0	10 0	9 0	9 0	10 0	Shahpur.
9 0	9 0	11 0	‡	‡	‡	Jhelum.
8 12	8 12	10 12	8 12	8 12	8 12	Ráwalpindi.
7 4	7 4	7 8	§	§	§	Hazára.
7 6	7 10	8 0	9 2	8 13	9 10	Peshâwar.
8 12	8 7	9 4	11 8	11 8	11 8	Kohát.
13 2	13 2	13 8	8 12	8 12	10 0	Bannu.
9 8	9 8	10 10	‡	‡	11 4	D. I. Khan.
6 9	6 9	7 8	10 15	10 0	9 1	D. G. Khan.
8 0	8 0	9 0	10 0	10 0	8 0	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Lahori Salt.—Prices average 12 seers 5 chatáks as compared with 12 seers 5 chatáks in last fortnight and 12 seers 5 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Delhi ...	11 0	12 0	12 0
Kángra ...	11 0	10 0	10 0
Mooltan ...	12 8	12 4	12 4
Siálkot ...	13 8	13 12	13 12

Kohát Salt.—Prices average 15 seers 3 chatáks as compared with 16 seers 1 chaták in last fortnight and 17 seers 14 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Kohát ...	21 11	16 10	16 10
D. G. Khan ...	13 2	13 12	11 4

Gur.—Prices average 8 seers 14 chatáks as compared with 8 seers 15 chatáks in last fortnight and 10 seers 1 chaták in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Umballa ...	11 0	9 10	9 0
Hoshiárpur ...	11 0	8 0	8 0
Amritsar ...	10 0	8 8	8 8
Gujrát ...	11 0	8 8	8 0
Peshâwar ...	8 0	7 10	7 6
D. I. Khan ...	10 10	9 8	9 8

Cotton (unginned).—Prices average 9 seers 5 chatáks as compared with 9 seers 6 chatáks in last fortnight and 8 seers 15 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Umballa ...	9 0	10 8	10 0
Hoshiárpur ...	8 0	10 0	10 0
Lahore ...	8 2	9 4	9 5
Shahpur ...	10 0	9 0	9 0
Peshâwar ...	9 10	8 13	9 2
Muzaffargarh...	8 0	10 0	10 0

§ale salt sold.
duced.

curable.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUAR

1	2	3	4	5	6	7	8	9	10	11	12
	WHOLESALE PRICE PER MAUND OF 80										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs A. P.	Rs. A. P.	Rs.
Delhi	2 8 0	3 10 2	3 1 3	1 13 9	1 13 9	1 13 9	2 0 0	2 12 2	4 3 4	4 7 1	3
Ferozepore ...	2 0 0	8 0 0	2 14 6	1 14 6	1 14 6	2 0 0	1 10 8	2 3 6	5 11 5	4 7 0	4
Mooltan	1 6 10	3 10 2	3 7 8	1 10 7	2 1 7	2 3 6	2 5 9	2 10 9	...	4 11 3	3
Lahore	2 5 3	4 2 6	2 9 2	1 8 0	1 15 3	2 1 3	1 12 5	2 6 3	9 9 2	3 11 7	3
Amritsar	2 8 0	4 7 1	2 8 0	...	...	...	1 7 8	2 6 1	...	...	3
Ráwalpindi ...	2 0 0	4 11 3	2 9 8	1 3 6	1 9 6	2 0 0	1 9 6	2 9 4	5 0 0	3 5 4	4

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 31ST MARCH 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
OR 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjili seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.
20 0 0	5 0 0	4 3 4	10 10 8	33 10 10	3 7 8	8 0 0	11 6 10	...	0 10 8	0 14 3	0 8 0	125	60 0
5 10 0	4 7 0	4 7 0	12 8 0	34 0 0	3 2 0	5 0 0	11 0 0	30 0 0	0 5 0	0 8 0	0 7 0	75	50 0
6 10 6	5 0 0	4 7 0	11 0 0	33 10 6	3 14 5	10 0 0	13 5 4	...	0 4 11	0 9 0	0 8 0	70	50 0
5 8 0	4 7 1	4 11 3	12 8 9	32 0 0	2 13 0	5 11 5	12 4 11	31 0 0	1 0 0	0 8 6	...	105	100 0
...	4 11 4	4 9 2	12 4 11	33 8 0	2 10 8	...	...	...	...	0 8 6	...	...	85 0
5 8 0	5 0 0	4 7 0	13 5 4	32 0 0	2 12 0	4 0 0	9 11 0	32 0 0	0 9 0	0 10 3	0 10 8	60	60 0

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 26TH MARCH 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	4	2	6	16	5	11	...	...	...	7	...	...	9	1	4	5	19	50	1
2		Hansi ...	15,190	5	2	7	5	3	2	...	...	...	2	1	...	2	1	...	1	24	17	2
3		Bhiwani ...	35,487	7	3	10	7	5	2	...	...	...	6	...	...	1	1	...	1	15	10	3
4		Sirsa ...	16,415	1	5	6	7	1	6	...	...	...	5	1	...	1	1	2	3	19	22	4
5	Rohtak ...	Rohtak ...	16,191	5	6	11	9	3	6	...	...	...	5	...	...	4	1	2	3	35	29	5
6		Jhajjar ...	11,881	5	3	8	6	4	2	...			2	...	.	4	2	...	2	35	26	6
7	Gurgaon ...	Rewari ...	27,934	3	2	5	8	6	2	...	...	...	1	1	...	6	2	...	2	9	15	7
8		Palwal ...	11,227	7	4	11	8	6	2	...	...	...	7	...	...	1	2	1	3	51	37	8
9	Delhi ...	Delhi ...	189,648	33	50	83	116	63	53	...		...	52	4	2	58	14	12	26	23	32	9
10		Sonepat ...	12,611	2	3	5	2	2	...	...	...	...	...	1	...	1	...	...	...	21	8	10
11	Karnal ...	Karnal ...	21,530	6	3	9	14	8	6	...	...	...	7	...	...	7	...	1	1	22	34	11
12		Kaithal ...	15,768	6	2	8	5	1	4	...	...	1	2	...	...	2	...	3	3	26	17	12
13		Panipat ...	27,547	5	4	9	11	9	2	...	...	...	4	1	1	5	3	...	3	17	21	13
14		Shahabad ...	11,473	2	4	6	1	1	...	...	...	...	1	...	...	...	...	...	...	27	5	14
15	Umballa ...	Umballa ...	26,856	5	6	11	11	5	6	...	...	...	3	2	...	6	3	1	4	21	21	15
16		Jagadhri ...	13,029	1	2	3	6	5	1	...	...	...	5	...	...	1	1	...	1	12	24	16
17		Sadhaura ...	10,445	...	3	3	5	1	4	...	...	...	5	...	...	...	...	...	...	15	25	17
18	Hoshiarpur	Hoshiarpur ...	Returns not received.																			18
19		Tanda and Urmar																				19
20	Jullundur ...	Jullundur ...	50,375	14	12	26	32	19	13		...	...	7	3	...	22	3	2	5	27	33	20
21		Rahon ...	10,667	2	3	5	5	3	2	...	...	...	2	1	...	2	1	...	1	24	24	21
22		Kartarpur ...	10,441	5	5	10	2	1	1	...	...	...	...	...	...	2	1	...	1	50	10	22
23	Ludhiana ...	Ludhiana ...	46,024	13	12	25	26	13	13	...	...	...	13	1	...	12	5	1	6	[illegible]	29	23
24		Jagraon ...	18,116	6	4	10	13	5	8	...	...	...	4	1	1	7	2	3	5	29	37	24
25	Ferozepore ...	Ferozepore ...	25,337	6	7	13	10	5	5	...	...	...	5	2	...	3	2	...	2	27	21	25
26	Mooltan ...	Mooltan ...	64,265	17	12	29	36	17	19	...	...	...	13	1	...	22	8	6	14	24	29	26
27	Jhang ...	Maghiana ...	13 866	7	2	9	5	2	3	...	...	...	1	...	...	4	...	2	2	34	19	27
28		Chiniot	13,476	6	8	14	7	5	2	...		...	1	...	...	6	1	1	2	54	27	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	34	41	75	78	43	35	...	...	...	40	3	2	33	4	6	10	25	25	29
30		Kasur ...	20,290	6	5	11	11	6	5	...	...	...	8	...	...	3	1	2	3	28	28	30
31		Chunian ...	10,339	3	4	7	8	6	2	...	...	...	4	1	...	3	1	1	2	35	40	31
32	Amritsar ...	Amritsar ...	135,401	45	37	82	72	38	34	...	...	...	28	4	...	40	9	8	17	32	28	32
33	Gurdaspur ...	Batala ...	27,223	9	9	18	10	5	5	...	...	3	6	...	...	1	...	2	2	34	19	33
34	Sialkot ...	Sialkot ...	33,965	11	8	19	13	5	8	...	...	...	4	...	...	9	...	1	1	29	20	34
35	Gujrat ...	Gujrat ...	17,671	4	8	12	12	5	7	...	...	...	4	...	...	8	...	4	4	35	35	35
36		Jalalpur ...	11,065	3	...	3	10	2	8	...	...	...	4	1	...	5	2	2	4	14	47	36
37	Gujranwala ...	Gujranwala ...	25,892	9	5	14	7	5	2	...	...	...	2	...	...	5	1	...	1	28	14	37
38		Wazirabad ...	15,786	3	1	4	3	2	1	...	...	...	2	...	...	1	...	1	1	13	10	38
39	Shahpur ...	Bhera ...	17,428	4	3	7	7	3	4	...	...	...	5	...	...	2	1	1	2	21	21	39
40	Jhelum ...	Pind Dadan Khan	Return	not	rece	ived.																40
41	Rawalpindi ...	Rawalpindi ...	38,334	9	6	15	16	7	9	...	...	...	9	1	...	6	1	2	3	20	22	41
42	Peshawar ...	Peshawar ...	63,079	23	16	39	28	16	12	...	...	...	17	4	...	7	1	4	5	32	23	42
43	Kohat ...	Kohat ...	14,347	3	5	8	5	3	2	...	...	...	3	...	...	2	...	...	...	29	18	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	11	6	17	23	10	13	...	...	...	14	2	...	7	1	2	3	41	56	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	3	7	10	14	8	6	...	...	...	11	1	...	2	1	...	1	22	31	45
	Grand Total ...		1,368,542	353	330	683	690	362	328	..	...	4	321	37	6	322	78	77	155	26	26	
	Hill Sanitaria.																					
	Simla ...		13,279	4	5	9	4	4	...	...	...	...	4	...	...	...	1	...	1	35	16	
	Dharmsala ...		2,778	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	38	...	
	Dalhousie ...		807	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	
	Murree ...		1,459	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	36	...	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 13th April 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 26TH MARCH 1898.

Births and Deaths in Municipal Towns.—In the 42 large Municipal towns 683 births were registered (353 males and 330 females), giving a birth-rate of 26 per *mille* of population; 690 deaths were registered (362 males and 328 females), giving a death-rate of 26 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 13th April 1898.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 26th March 1898, on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	(a) 20,481	(a) 19,109 1 0	125,213 20	16,649 2 0	87 0 0	35,845 3 0	7,353	5,309	12,662
Or per mile of Railway	...	117 12 6	...	102 9 11	0 8 7	220 15 0	...	...	...
For previous 11 1/7 weeks of half-year	*409,807	*2,41,117 4 0	†1,204,373 30	*1,84,782 11 0	‡1,089 0 0	4,26,988 15 0	85,189	51,716	136,905
Total for 12 1/7 weeks ...	430,288	2,60,626 5 0	1,329,587 10	2,01,431 13 0	1,176 0 0	4,62,834 2 0	92,542	57,025	149,567
COMPARISON.									
Total for corresponding week of previous year ...	20,537½	24,432 13 7	83,661 0	13,068 5 0	58 4 3	37,559 6 10	6,999	3,797	10,796
Per mile of Railway corresponding week of previous year.	...	152 4 1	...	81 7 0	0 5 10	234 0 11	...	...	...
Total for corresponding 12 2/7 weeks of previous year ...	200,818	1,71,097 1 3	1,154,302 30	1,35,653 14 0	775 4 0	3,07,526 3 3	81,446	45,955	127,401

* Added No. of passengers 315 and Rs. 913
† Do. Mds. 8,022 and ,, 1,291
‡ Do. ,, 2

} On account of difference between the Approximate and Audited figures for the week ended 12th February 1898.

(a) The decrease is due to the movement to Simla of Government of India Offices.

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 30th March 1898.

T. BASHFORD,
Acting Chief Auditor.

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF FEBRUARY 1898.

Month.	Documents registered.			Total collections, inclusive of copying fees.	Total expenditure, inclusive of that paid out of copying fees.	Remarks.
	Compulsory.	*Optional.* Relating to immoveable property.	*Optional.* Others.			
				Rs.	Rs.	
February 1898	7,890	3,491	757	30,054	9,690	
February 1897	10,609	6,043	866	41,851	11,864	
Difference ...	— 2,719	— 2,552	— 109	— 11,797	— 2,174	
First 11 months of 1897-98 ...	100,705	47,990	8,507	3,74,562	1,14,596	
First 11 months of 1896-97 ...	92,807	47,595	9,791	3,67,374	1,11,184	
Difference ...	+ 7,898	+ 395	— 1,284	+ 7,188	— 3,412	

OFFICE OF INSPR.-GENL. OF REGTN., PUNJAB, LAHORE:
The 5th April 1898.

G. C. WALKER,
Inspector-General of Registration, Punjab.

Punjab Government Press, Lahore—14-4-98—890.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, APRIL 21, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 19th APRIL 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of	
					Rabi (Spring).	Kharif (Autumn).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 17 seers ... Gram 26 seers. Bájra 23 seers.	Gram and barley already reaped. Reaping of wheat in progress. Canal crops in fair condition.	...
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Wheat 13 seers ... Gram 21 seers. Bájra 23 seers.	Reapings over. Outturn average.	...
3	Umballa ...	0·14 at Sadr. 0·20 in Jagádhri. 0·25 in Kharar. 0·28 in Rúpar.	1. Sufficient ... 2. Good.	Wheat 14½ to 15½ seers. Gram 19 to 20½ seers. Maize 27½ seers.	Harvesting in progress. Extra spring crops in good condition.	...
4	Jullundur ...	...	1. Sufficient ... 2. Fair.	Wheat 16¾ seers... Gram 19¾ seers. Maize 27¼ seers. Barley 24 seers.	Harvesting commenced. Outturn is expected to be good.	...
5	Ferozepore ...	...	1. Sufficient ...	Wheat 15 seers ... Gram 18 seers. Maize 20 seers. Barley 21 seers. Bájra 18 seers. Jowár 20 seers.	Crops are being harvested ...	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
6	Mooltan ...	...	1. Sufficient ... 2. Good.	Wheat, 2nd quality, 13¾ seers.	Crops are being harvested ...	...
7	Lahore ...	...	1. Sufficient ... 2. Good.	Wheat 14 to 16 seers. Maize 21 to 27 seers.	Reapings in progress. Outturn of wheat and barley is expected to be average and that of gram half the average crop.	...
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 16½ seers... Maize 27 seers.	Harvesting in progress. Extra spring crops in good condition.	...
9	Siálkot ...	0·03 at Sadr ...	1. Available ... 2. Good.	Wheat 15 to 16 seers. Rice 10 to 11 seers	Harvesting of minor crops commenced. Sowings of extra spring crops in progress.	Sowings commenced.
10	Shahpur ...	...	1. Ample ... 2. Good.	Wheat 16 to 19 seers. Bájra 22 to 25 seers.	Crops in good condition. Young locusts being destroyed in Bhera Tahsíl.	...
11	Ráwalpindi ...	0·06 in Kahúta ... 0·38 in Murree.	1. Sufficient ... 2. Fair.	Wheat 16 seers ... Bájra 20 seers. Maize 27 seers.	Prospects good. Locusts deposited eggs in Fatehjang Tahsíl which are being destroyed.	...
12	Peshâwar ...	...	1. Sufficient ... 2. Good.	Wheat 15 $\frac{5}{16}$ seers Maize 26½ seers.	...	Cotton being sown.
13	D. I. Khan ...	...	1. Sufficient ... 2. Good.	Wheat 17½ seers Bájra 26¼ seers.	Condition of standing crops good. Harvesting of oil-seed crops in progress. Outturn average. Reapings of wheat, gram and barley going on. Sowings of extra spring crops in progress.	Sowings of cotton finished.

GENERAL REMARKS.

Rainfall.—Slight rain has fallen in parts of Umballa, Siálkot and Ráwalpindi Districts.

Prices.—Rising in Jullundur and Ráwalpindi, and falling in Hissar, Delhi, Mooltan, Shahpur and Dera Ismail Khan. The figures are unchanged elsewhere.

Wheat is selling from 13 to 19, gram 18 to 26, bulrush millet 18 to 26¼, maize 20 to 27½, barley 21 to 24, great millet 20 and rice 10 to 11 seers per rupee.

Agricultural operations.—Harvesting of spring crops going on. Extra spring crops are still being sown. Sowings of certain autumn crops in progress.

Crops and outturn.—Standing crops are generally reported good. Outturn of gram is reported half the average in Lahore and that of wheat is expected to be good to average throughout the Province.

Damage done to crops.—Young locusts in parts of Shahpur and locusts' eggs in parts of Ráwalpindi are being destroyed.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient throughout the Province.

P. D. SHROFF, *Supdt.,*
Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 2ND APRIL 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	3	4	7	15	9	6	...	...	...	11	1	...	3	1	2	3	22	46	1
2		Hansi ...	15,190	2	4	6	4	2	2	...	...	...	3	...	...	1	...	...	...	21	14	2
3		Bhiwani ...	35,487	2	6	8	8	5	3	...	...	...	2	...	...	6	...	1	1	12	12	3
4		Sirsa ...	16,415	2	2	4	9	4	5	...	...	...	3	...	...	6	1	...	1	13	29	4
5	Rohtak ...	Rohtak ...	16,191	8	4	12	7	3	4	...	...	...	5	1	...	1	...	...	...	39	23	5
6		Jhajjar ...	11,881	1	4	5	9	3	6	...	...	...	7	1	...	1	...	2	2	22	39	6
7	Gurgaon ...	Rewari ...	27,934	4	...	4	8	4	4	...	...	...	3	1	...	4	2	...	2	7	15	7
8		Palwal ...	11,227	1	5	6	9	4	5	...	...	...	6	...	...	3	1	1	2	28	42	8
9	Delhi ...	Delhi ...	189,648	39	42	81	105	56	50	...	...	...	52	2	...	52	13	10	23	22	29	9
10		Sonepat ...	12,611	3	4	7	4	3	1	...	...	...	4	...	...	...	...	...	...	29	17	10
11	Karnal ...	Karnal ...	21,530	5	3	8	13	8	5	...	...	...	3	2	...	8	3	1	4	19	31	11
12		Kaithal ...	15,768	4	5	9	11	6	5	...	...	...	9	1	...	1	1	1	2	30	36	12
13		Panipat ...	27,547	9	4	13	16	7	9	...	...	...	8	...	1	7	1	4	5	25	30	13
14		Shahabad ...	11,473	...	1	1	8	3	5	...	...	...	7	...	...	1	1	1	2	5	36	14
15	Umballa ...	Umballa ...	26,856	3	9	12	12	9	3	...	...	...	5	1	...	6	2	1	3	23	23	15
16		Jagadhri ...	13,029	4	...	4	3	2	1	...	...	...	1	1	...	1	...	1	1	16	12	16
17		Sadhaura ...	10,445	7	3	10	10	5	5	...	...	...	10	...	...	...	...	...	...	50	50	17
18	Hoshiarpur	Hoshiarpur ...	17,546	4	7	11	4	2	2	...	...	2	2	...	...	2	...	1	1	33	12	18
19		Tanda and Urmar	11,632	1	5	6	2	...	2	...	...	...	...	...	...	...	...	1	1	27	9	19
20	Jullundur ...	Jullundur ...	50,375	15	13	28	26	13	13	...	...	...	12	1	...	13	3	6	9	29	27	20
21		Rahon ...	10,667	4	4	8	7	5	2	...	...	...	1	1	...	5	...	...	...	39	34	21
22		Kartarpur ...	10,441	4	3	7	4	1	3	...	...	...	3	...	...	1	...	1	1	35	20	22
23	Ludhiana ...	Ludhiana ...	46,024	17	10	27	19	8	11	...	...	...	6	...	...	13	...	5	5	31	22	23
24		Jagraon ...	18,116	13	4	17	8	6	2	...	...	...	1	...	1	6	3	...	3	49	23	24
25	Ferozepore ...	Ferozepore ...	25,337	1	7	8	12	6	6	...	...	...	6	1	...	5	1	2	3	16	25	25
26	Mooltan ...	Mooltan ...	64,265	19	12	31	25	16	9	...	...	...	11	...	...	14	6	1	7	25	20	26
27	Jhang ...	Maghiana ...	13,866	5	10	15	10	6	4	...	...	1	2	...	...	7	5	1	6	56	38	27
28		Chiniot ...	13,476	11	4	15	6	1	5	...	...	...	2	...	...	4	...	...	...	53	23	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
29	Lahore ...	Lahore ...	159,597	46	50	96	88	51	37	...	...	...	54	2	2	30	6	9	15	3	29
30		Kasur ...	20,290	4	10	14	8	4	4	...	...	...	3	1	1	3	...	1	1	36	21
31		Chunian ...	10,339	10	3	13	12	7	5	...	...	...	6	...	...	6	4	...	4	66	6[illegible]
32	Amritsar ...	Amritsar ...	135,401	35	39	74	76	31	45	...	...	...	33	3	2	38	6	8	14	28	29
33	Gurdaspur ...	Batala ...	27,223	6	10	16	11	6	5	...	...	1	8	1	...	1	...	...	...	31	21
34	Sialkot ...	Sialkot ...	33,965	14	6	20	24	13	11	...	...	...	9	1	1	13	5	2	7	31	37
35	Gujrat ...	Gujrat ...	17,671	9	6	15	12	9	3	...	...	...	5	...	1	6	1	...	1	44	35
36		Jalalpur ...	11,065	2	2	4	2	1	1	...	...	...	...	...	...	2	...	...	...	19	9
37	Gujranwala...	Gujranwala ...	25,892	4	4	8	8	2	6	...	...	...	7	...	...	1	1	...	1	16	16
38		Wazirabad ...	15,786	6	5	11	10	7	3	...	...	...	4	...	...	6	2	...	2	36	33
39	Shahpur ...	Bhera ...	17,428	1	3	4	4	2	2	...	...	...	1	...	...	3	1	1	2	12	12
40	Jhelum ...	Pind Dadan Khan	15,055	1	2	3	4	3	1	...	...	...	3	...	...	1	...	...	...	10	14
41	Rawalpindi ...	Rawalpindi ...	38,334	8	7	15	16	10	6	...	...	...	13	...	...	3	1	1	2	20	22
42	Peshawar ...	Peshawar ...	63,079	22	4	26	26	16	10	...	...	...	18	1	...	7	2	2	4	21	21
43	Kohat ...	Kohat ...	14,347	3	4	7	7	6	1	...	...	...	4	...	...	3	1	...	1	25	25
44	D. I. Khan ...	Dera Ismail Khan	21,573	3	2	5	20	11	9	...	...	2	11	2	...	5	4	3	7	12	48
45	D. G. Khan ...	Dera Ghazi Khan	23,899	6	8	14	19	11	8	...	...	...	12	2	...	5	...	...	...	31	4[illegible]
	Grand Total	...	1,412,775	371	344	715	722	387	335	...	...	6	376	27	9	304	78	70	148	26	27
	Hill Sanitaria.																				
	Simla ...		13,279	8	3	11	6	5	1	...	...	...	3	...	...	3	1	...	1	43	24
	Dharmsala ...		2,778	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	19	...
	Dalhousie ...		807	...	...	...	1	1	...	...	...	...	...	1	...	...	...	...	...	...	65
	Murree ...		1,459	1	1	2	1	...	1	...	...	...	1	...	...	...	...	...	...	[illegible]	36

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE, LAHORE: *The 19th April 1898.*

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL., *Sanitary Commissioner, Punjab.*

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 2ND APRIL 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 715 births were registered (371 males and 344 females), giving a birth-rate of 26 per *mille* of population; 722 deaths were registered (387 males and 335 females), giving a death-rate of 27 per *mille* of population. [Eighty deaths were registered from Plague in the Jullundur District and 33 in the Hoshiárpur District during the week.]

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 19th April 1898.

MONTHLY RAINFALL OF RAMPUR (GUJRANWALA DISTRICT) IN THE PUNJAB FOR THE MONTH OF DECEMBER

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th	16th.	17th.	18th.	19th.	20th.
Punjab North-West.	Gujránwála.	Rámpur (C) ...	...	...	...	...	...	...	...	...	..	...	...	1·20	...	...	...	...	...	...	...	...

RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO PUNJAB GAZETTE DATED 20TH JANUARY 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st December 1897.	Average rainfall from 1st October up to 31st December.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	1	?	1·20	?	1·20	1·20	?	Rámpur	Gujránwála.	Punjab North-West.

P. D. SHROFF, *Supdt.,*

Office of Director of Land Records and Agriculture, Punjab.

MONTHLY RAINFALL OF KILBA (SIMLA DISTRICT) IN THE PUNJAB FOR THE MONTH OF FEBRUARY 18[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab Hill Division.	Simla.	Kilba ...	...	...	...	...	0·58	...	...	...	...	0·47	1·11	0·63	...	0·16	0·08	0·05	0·43	0·50	0·33	[illegible]

RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO PUNJAB GAZETTE DATED 24TH MARCH 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.				Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 28th February 1898.	Average rainfall from 1st October up to 28th February.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...				8	6·4	4·34	5·30	1·11	5·79	15·31	Kilba.	Simla.	Punjab Hill Division.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

TABLE OF RAINFALL RECORDED AT STATIONS IN TH

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab, South.	Hissar.	Sirsa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fatahabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hissar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hansi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Budhlada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jind State.	Dhaneta *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Safidan *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jind *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bikaner State.	Chhani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ferozepore.	Moga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Zira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ferozepore Sadr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ferozepore City	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muktsar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fazilka	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nathana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jalalabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Govindgarh *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phidda *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Montgomery.	Gugera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Montgomery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakpattan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dipalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sandyanwala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Central.	Gurgaon.	Farukhnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jatusana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rewari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shahjahanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tauru	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nuh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Firozpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hodal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hattin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sohna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gurgaon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Punahana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rohtak.	**Rohtak**	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sampla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhajjar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Delhi.	Ballabgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahrauli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr (Delhi)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sonepat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

PUNJAB FOR THE MONTH OF MARCH 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31th.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st March 1898.	Average rainfall from 1st October 1897 up to 31st March 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	0	1·3	0	0·56	0	1·39	2·20	Sirsa	Hissar.	Punjab, South.
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·49	0	1·14	2·32	Fatahabad		
...	...	...	...	...	...	...	...	...	...	0	1·4	0	0·61	0	1·78	2·37	**Hissar**		
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·40	0	1·11	1·99	Hansi		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·41	0	1·81	1·68	Bhiwani		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·94	?	Budhlada		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·29	?	Tohana		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·29	?	Dhaneta *C*	Jind State.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·50	?	Safidan *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·00	?	Jind *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·80	?	Chhani *C*	Bikaner State.	
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·32	0	4·92	2·14	Moga	Ferozepore.	
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·62	0	5·22	2·47	Zira		
...	...	...	...	...	...	...	...	...	...	0	1·5	0	0·77	0	4·79	2·67	**Ferozepore Sadr**		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	5·80	?	Ferozepore City		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·25	0	2·83	1·15	Muktsar		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·13	?	Fazilka		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·46	?	Nathana		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·90	?	Jalalabad		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·40	?	Govindgarh *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·00	?	Phidda *C*		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·28	0	3·02	1·46	Gugera	Montgomery.	
...	...	...	...	...	...	...	...	...	...	0	1·0	0	0·47	0	1·61	1·68	**Montgomery**		
...	...	...	...	...	...	...	...	...	...	0	0·2	0	0·29	0	0·87	0·18	Pakpattan		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·22	0	2·89	1·44	Dipalpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Sandyanwala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·65	?	Farukhnagar	Gurgaon.	Punjab, Central.
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0·50	?	Jatusana		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·32	0	1·81	1·64	Rewari		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·56	?	Shahjahanpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	3·17	?	Tauru		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·32	0	2·37	1·67	Nuh		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·11	0	2·30	1·00	Firozpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·55	?	Hodal		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	3·29	?	Hattin		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·36	0	3·53	2·04	Palwal		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·30	?	Sohna		
...	...	...	...	...	...	...	...	...	...	0	1·3	0	0·40	0	2·11	2·39	**Gurgaon**		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·92	?	Punahana		
...	...	...	...	...	...	...	...	...	...	0	1·2	0	0·60	0	1·40	2·26	**Rohtak**	Rohtak.	
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·52	0	1·55	2·41	Gohana		
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·43	0	2·02	2·00	Sampla		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·39	0	1·48	1·84	Jhajjar		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·44	0	2·87	1·99	Ballabgarh	Delhi.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·45	?	Mahrauli		
...	...	...	...	...	...	...	...	...	...	0	1·7	0	0·61	0	2·86	2·97	**Sadr (Delhi)**		
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·53	0	2·30	2·36	Sonepat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Central—concluded.	Karnal.	Panipat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Karnal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajaund ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kaithal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gulah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Thansear ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lahore.	Van C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chunian ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kasur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pambe C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sharakpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Niaz Beg C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lahore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Meean Meer C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manihala C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dafthu C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nijabat C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Submontane.	Umballa.	Jagadhri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Umballa ...	...	0·02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naraingarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kharar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rupar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dadupur C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patiala State.	Kotra C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jodhpur C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raniki C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lehal C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujran C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barthala C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nabha State.	Dadahur C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bundher C ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ludhiana.	Samrala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ludhiana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jagraon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jullundur.	Jullundur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nakodar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phillour ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nawashahr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of March 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st March 1898.	Average rainfall from 1st October 1897 up to 31st March 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·59	0	3·10	2·49	Panipat	Karnal.	Punjab, Central—*concluded.*
...	...	...	...	...	...	...	...	...	...	0	2·3	0	0·94	0	5·94	4·02	**Karnal**		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·52	?	Rajaund		
...	...	...	...	...	...	...	...	...	...	0	1·0	0	0·49	0	2·19	2·36	Kaithal		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	3·62	?	Gulah		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·46	0	6·81	3·29	Thanesar		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·27	0	4·70	2·64	Van *C*	Lahore.	
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·36	0	4·17	1·6[illegible]	Chunian		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·40	0	4·81	1·70	Kasur		
...	...	...	...	...	...	...	...	...	...	0	1·0	0	0·42	0	4·90	2·48	Pambe *C*		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·38	0	4·04	1·79	Sharakpur		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·60	0	3·88	3·72	Niaz Beg *C*		
...	...	...	...	...	...	...	...	...	...	0	1·6	0	0·65	0	5·62	3·07	**Lahore**		
...	...	...	...	...	...	...	...	...	...	0	1·2	0	0·66	0	5·80	4·39	Meean Meer *C*		
...	...	...	...	...	...	...	...	...	...	0	1·2	0	0·74	0	4·05	2·82	Manihala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	3·30	?	Dafthu *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·24	?	Nijabat *C*		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	1·05	0	6·00	5·61	Jagadhri	Umballa.	Punjab, Submontane.
...	...	...	...	...	...	...	...	...	...	0	1·5	0·02	0·73	0·02	9·46	3·93	**Umballa**		
...	...	...	...	...	...	...	...	...	...	0	1·1	0	0·64	0	5·63	4·77	Naraingarh		
...	...	...	...	...	...	...	...	...	...	0	1·2	0	0·70	0	7·51	4·72	Kharar		
...	...	...	...	...	...	...	...	...	...	0	1·1	0	0·61	0	7·84	4·84	Rupar		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	6·50	?	Dadupur *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·07	?	Kotra *C*	Patiala State.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1·62	?	Jodhpur *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	3·55	?	Raniki *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·49	?	Lehal *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	3·00	?	Gujran *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	4·18	?	Barthala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	4·00	?	Dadahur *C*	Nabha State.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·16	?	Bundher *C*		
...	...	...	...	...	...	...	...	...	...	0	1·3	0	0·69	0	4·65	3·51	Samrala	Ludhiana.	
...	...	...	...	...	...	...	...	...	...	0	2·1	0	1·02	0	4·16	4·15	**Ludhiana**		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·31	0	4·83	2·44	Jagraon		
...	...	...	...	...	...	...	...	...	...	0	2·4	0	1·15	0	4·19	4·53	**Jullundur**	Jullundur.	
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·84	0	5·64	3·28	Nakodar		
...	...	...	...	...	...	...	...	...	...	0	1·1	0	0·73	0	4·88	3·66	Phillour		
...	...	...	...	...	...	...	...	...	...	0	1·0	0	0·93	0	6·71	4·66	Nawashahr		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab, Submontane—*concluded.*	Hoshiarpur.	Dasuya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Una ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Garhshankar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr Station ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hoshiarpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gurdaspur.	Aliwal *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Batala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tibri *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gurdaspur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pathankot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dalhousie ...	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Madhopur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shakargarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Amritsar.	Buchar *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khara *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tarn Taran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raya *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Amritsar Jail Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Amritsar *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Buggeh *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ajnala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Hill Division.	Simla.	Kasauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Simla ...	...	0·10	0·01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kot Khai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kotgarh ...	0·15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kilba ...	0·03	0·35	...	...	...	...	...	...	...	0·07	...	...	...	...	...	...	...	...	...	...
Punjab, North-West.	Kangra.	Plach ...	...	0·15	0·06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kulu ...	...	0·18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nagar ...	...	...	...	...	...	...	0·11	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palampur ...	...	0·17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hamirpur ...	...	R.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kangra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dharmsala ...	...	0·35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nurpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gujranwala.	Ramnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Wazirabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujranwala Sadr Kacheri.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shekhupura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hafizabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khangah Dogran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rampur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pacca Dalla *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Firoz ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sialkot.	Zafarwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pasrur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daska ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sialkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of March 1898—continued.

25 22nd.	26 23rd.	27 24th.	28 25th.	29 26th.	30 27th.	31 28th.	32 29th.	33 30th.	34 31st.	35 Number of rainy days.	36 Average number of rainy days.	37 Total rainfall for the month.	38 Average rainfall for the month.	39 Heaviest rainfall during the month.	40 Total rainfall from 1st October 1897 up to 31st March 1898.	41 Average rainfall from 1st October 1897 up to 31st March 1898.	3 Station.	2 District.	1 Meteorological Division.
...	...	...	...	...	...	...	...	...	...	0	1·9	0	2·05	0	6·38	6·14	Dasuya	Hoshiarpur.	Punjab, Submontane—*concluded.*
...	...	...	...	...	...	...	...	...	...	0	2·4	0	0·86	0	6·61	5·12	Una		
...	...	...	...	...	...	...	...	...	...	0	1·7	0	0·91	0	7·78	5·24	Garhshankar		
...	...	...	...	...	...	...	...	...	...	**0**	**2·5**	**0**	**1·38**	**0**	**6·17**	**6·06**	**Sadr Station**		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	6·09	?	Hoshiarpur		
...	...	...	...	...	...	...	...	...	...	0	1·7	0	0·98	0	4·58	4·00	Aliwal *C*	Gurdaspur.	
...	...	...	...	...	...	...	...	...	...	0	1·6	0	1·3	0	4·33	5·53	Batala		
...	...	...	...	...	...	...	...	...	...	0	2·3	0	1·21	0	6·20	5·77	Tibri *C*		
...	...	...	...	...	...	...	...	...	...	**0**	**2·2**	**0**	**1·43**	**0**	**7·35**	**5·43**	**Gurdaspur**		
...	...	...	...	...	...	...	...	...	...	0	1·9	0	1·97	0	6·91	8·15	Pathankot		
...	...	...	...	...	...	...	...	...	...	1	5·2	0·10	3·93	0·10	13·34	13·32	Dalhousie		
...	...	...	...	...	...	...	...	...	...	0	4·0	0	1·75	0	6·40	10·62	Madhopur *C*		
...	...	...	...	...	...	...	...	...	...	0	1·8	0	1·75	0	6·04	6·92	Shakargarh		
...	...	...	...	...	...	...	...	...	...	0	1·3	0	1·15	0	5·93	4·06	Buchar *C*	Amritsar.	
...	...	...	...	...	...	...	...	...	...	0	1·1	0	0·91	0	5·48	2·38	Khara *C*		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·75	0	5·42	3·51	Tarn Taran		
...	...	...	...	...	...	...	...	...	...	0	1·7	0	1·25	0	4·44	4·59	Raya *C*		
...	...	...	...	...	...	...	...	...	...	**0**	**2·3**	**0**	**0·84**	**0**	**5·54**	**4·52**	**Amritsar Jail Hospital.**		
...	...	...	...	...	...	...	...	...	...	**0**	?	**0**	?	**0**	**6·40**	?	**Amritsar** *C*		
...	...	...	...	...	...	...	...	...	...	0	1·1	0	0·63	0	8·10	3·96	Buggeh *C*		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·49	0	6·13	3·09	Ajnala		
...	...	...	...	...	...	...	...	...	...	0	1·7	0	2·31	0	6·25	7·96	Kasauli	Simla.	Punjab, Hill Division.
...	...	...	...	...	...	...	...	...	...	0	3·1	0	1·69	0	5·76	7·96	Barauli		
...	...	...	...	...	...	...	...	...	...	1	4·8	0·11	3·14	0·10	6·84	8·42	**Simla**		
...	...	...	...	...	...	...	...	...	...	0	4·7	0	3·86	0	5·12	10·88	Kot Khai		
...	...	...	...	...	...	...	...	...	...	1	5·1	0·15	4·69	0·15	5·82	11·96	Kotgarh		
...	...	...	...	...	...	...	...	...	...	1	7·5	0·45	6·00	0·35	6·24	21·31	Kilba		
...	...	...	...	...	...	...	...	...	...	1	4·3	0·21	2·99	0·15	8·31	11·29	Plach	Kangra.	Punjab, North-West.
...	...	...	...	...	...	...	...	...	...	1	6·1	0·18	4·61	0·18	10·44	17·46	Kulu		
...	...	...	...	...	...	...	...	...	...	1	8·0	0·11	5·39	0·11	10·20	13·10	Nagar		
...	...	...	...	...	...	...	...	...	...	1	4·6	0·17	3·75	0·17	8·20	17·35	Palampur		
...	...	...	...	...	...	...	...	...	...	0	3·0	R.	1·65	0	6·92	8·82	Hamirpur		
...	...	...	...	...	...	...	...	...	...	0	2·1	0	2·15	0	5·02	9·24	Dera		
...	...	...	...	...	...	...	...	...	...	0	3·9	0	2·79	0	6·10	9·99	Kangra		
...	...	...	...	...	...	...	...	...	...	1	4·2	0·35	3·83	0·35	11·81	15·66	**Dharmsala**		
...	...	...	...	...	...	...	...	...	...	0	3·0	0	2·90	0	5·56	12·79	Nurpur		
...	...	...	...	...	...	...	...	...	...	0	1·3	0	1·17	0	5·84	3·02	Ramnagar	Gujranwala.	
...	...	...	...	...	...	...	...	...	...	0	1·1	0	1·01	0	5·86	4·57	Wazirabad		
...	...	...	...	...	...	...	...	...	...	**0**	**2·4**	**0**	**1·22**	**0**	**4·68**	**4·86**	**Gujranwala Sadr Kacheri.**		
...	...	...	...	...	...	...	...	...	...	0	1·0	0	0·54	0	5·47	2·14	Shekhupura		
...	...	...	...	...	...	...	...	...	...	0	1·1	0	0·86	0	6·86	3·79	Hafizabad		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	6·76	?	Khangah Dogran		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	5·00	?	Rampur *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	4·10	?	Pacca Dalla *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	3·80	?	Firoz		
...	...	...	...	...	...	...	...	...	...	0	1·8	0	1·40	0	5·22	5·70	Zafarwal	Sialkot.	
...	...	...	...	...	...	...	...	...	...	0	1·4	0	1·39	0	5·56	5·85	Pasrur		
...	...	...	...	...	...	...	...	...	...	0	1·0	0	0·94	0	6·19	4·03	Raya		
...	...	...	...	...	...	...	...	...	...	0	1·1	0	1·09	0	6·76	4·94	Daska		
...	...	...	...	...	...	...	...	...	...	**0**	**3·0**	**0**	**1·38**	**0**	**5·89**	**5·87**	**Sialkot**		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab, North-West—*concluded.*	Gujrat.	Sadr (Gujrat) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kharian ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhelum.	Pind Dadan Khan...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr Station (Jhelum)	...	0·18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...
		Chakwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·12	...	...
		Talagang ...	...	0·17	...	...	...	...	...	...	0·06	...	...	...	...	...	...	...	...	0·11	...	...
	Rawalpindi.	Pindigheb ...	...	0·14	...	...	...	...	...	...	0·16	...	...	...	...	0·02	...	...	...	0·05	0·06	...
		Fatahjang ...	...	0·31	...	...	...	...	...	...	0·21	...	...	...	...	...	...	...	...	...	...	...
		Attock ...	...	0·51	...	...	...	...	...	...	0·31	...	...	...	...	0·03	...	...	...	0·14	...	...
		Rawalpindi ...	...	0·20	...	...	...	...	...	...	0·16	...	...	...	...	...	...	...	...	0·14	0·07	...
		Gujar Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·22	...	...
		Kahuta ...	...	0·45	...	...	...	...	...	...	0·14	...	...	...	...	...	0·04	...	...	...	0·41	...
		Murree ...	...	0·10	...	...	...	...	0·20	...	0·52	...	...	...	...	0·09	0·38	...	0·25	0·10	0·70	0·50
	Peshawar.	Swabi ...	...	0·62	...	...	...	...	...	...	0·33	...	...	...	...	0·70	...	...	...	0·27	...	0·90
		Lahor (Utman Bolak)	...	0·50	...	...	...	...	...	...	0·30	...	...	...	...	...	...	...	...	0·20	...	...
		Nowshera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	...	0·21	0·18	...
		Mardan ...	...	...	...	...	...	...	...	...	0·50	...	...	...	...	0·06	0·05	...	...	0·17	0·45	[illegible]
		Katlang ...	0·50	...	...	...	...	...	...	...	0·70	...	...	...	...	...	...	...	...	0·80	...	...
		Hashtnagar (Char-sadda.)	...	0·60	...	...	...	...	...	...	0·38	...	...	...	...	0·08	0·20	...	...	0·33	0·32	...
		Nabakki ...	...	...	...	...	...	...	...	...	0·29	...	...	...	...	...	0·26	...	...	0·35	0·34	[illegible]
		Peshawar ...	...	0·50	...	...	...	...	...	...	0·32	...	...	...	...	0·09	0·20	...	...	0·91	...	...
		Abazai *C* ...	...	0·45	...	...	...	...	...	...	0·45	...	...	...	...	0·10	0·20	...	...	0·75	0·20	...
		Khan Mahi *C* ...	...	0·25	...	...	...	...	...	...	0·50	...	...	...	...	...	...	...	...	0·10	...	...
		Para Chinar (Kurram)	0·19	0·12	...	...	...	...	...	...	0·78	...	...	...	0·18	1·07	0·38	...	0·80	2·17	0·03	[illegible]
	Hazara.	Abbott-abad ...	...	H. 0·93	...	...	...	...	0·10	...	1·37	0·06	...	...	...	0·15	0·05	...	0·09	0·41	H. 0·49	[illegible]
		Mansahra ...	...	0·52	...	...	...	...	...	...	1·35	...	...	...	...	0·06	...	...	0·12	0·36	0·54	[illegible]
		Haripur ...	...	0·36	...	...	...	...	...	...	0·39	...	...	...	...	0·05	...	...	...	0·13	...	...
	Kohat.	Kohat ...	...	0·20	...	...	...	...	...	...	0·44	...	...	...	...	0·09	0·23	...	0·04	0·56	...	...
		Hangu ...	...	0·46	...	...	...	...	...	...	0·52	...	...	...	...	0·22	0·31	0·05	0·09	1·17	...	0·03
		Thal ...	...	1·02	...	...	...	...	...	...	...	...	...	0·10	0·12	...	...	0·16	0·28	0·3[illegible]	...	...
		Banda Daud Shah...	...	0·28	...	...	...	...	...	...	0·32	...	...	...	...	0·09	0·15	...	0·03	0·6[illegible]	...	...
		Khushalgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·13	...	...
Punjab, West.	Bannu.	Mianwali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Isa Khel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·28	...	...	0·22	...	...
		Bannu ...	...	0·17	...	...	...	...	...	...	0·12	...	...	...	...	0·10	0·22	...	...	0·56	...	...
		Marwat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·34	...	...

Punjab for the month of March 1898—**continued.**

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st March 1898.	Average rainfall from 1st October 1897 up to 31st March 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	0	2·9	0	2·12	0	6·13	6·52	Sadr (Gujrat)	Gujrat.	Punjab, North-West—*concluded.*
...	...	...	...	...	...	...	...	...	...	0	2·5	0	1·4	0	5·85	6·35	Kharian		
...	...	...	...	...	...	...	...	...	...	0	2·7	0	1·17	0	4·24	4·65	Phalia		
...	...	...	...	...	...	...	...	...	...	0	1·9	0	0·64	0	5·25	4·18	Pind Dadan Khan	Jhelum.	
...	...	...	...	...	...	...	...	...	...	1	3·1	0·20	1·33	0·18	7·33	5·49	Sadr Station (Jhelum)		
...	...	...	...	...	...	...	...	...	...	1	1·7	0·12	1·18	0·12	5·80	4·23	Chakwal		
...	...	...	...	...	...	...	...	...	...	2	1·6	0·34	1·28	0·17	4·25	4·82	Talagang		
...	...	...	...	...	...	...	...	...	...	2	2·5	0·43	1·45	0·16	5·55	5·01	Pindigheb	Rawalpindi.	
...	...	...	...	...	...	...	...	...	...	2	3·5	0·52	1·60	0·31	6·95	6·99	Fatahjang		
...	...	...	...	...	...	...	...	...	...	3	3·8	0·09	1·70	0·51	7·42	6·51	Attock		
...	...	...	...	...	...	...	...	...	...	3	4·6	0·57	2·10	0·20	6·63	8·87	Rawalpindi		
...	...	...	...	...	...	...	...	...	...	1	3·0	0·27	1·63	0·22	6·13	7·53	Gujar Khan		
...	...	...	...	...	...	...	...	...	...	3	3·5	1·04	1·89	0·45	6·54	8·69	Kahuta		
...	...	...	...	...	...	...	...	...	...	8	3·6	2·84	3·89	0·70	12·93	9·53	Murree		
...	...	...	...	...	...	...	...	...	...	5	1·9	2·82	1·16	0·90	8·67	5·88	Swabi	Peshawar.	
...	...	...	...	...	...	...	...	...	...	3	1·7	1·00	1·04	0·50	5·86	6·01	Lahor (Utman Bolak)		
...	...	...	...	...	...	...	...	...	...	2	2·5	0·45	1·57	0·21	6·68	6·15	Nowshera		
...	...	...	0·04	...	...	...	...	...	...	4	2·9	1·47	2·12	0·50	7·31	6·66	Mardan		
...	...	...	...	...	...	...	...	...	...	3	2·0	2·00	1·19	0·80	3·99	5·27	Katlang		
...	...	...	0·04	...	...	...	...	...	...	5	2·1	1·95	1·42	0·60	5·76	5·17	Hashtnagar (Charsadda.)		
...	...	...	0·10	...	...	...	...	...	...	6	2·1	2·14	2·05	0·80	6·22	5·95	Nabakki		
...	...	...	0·09	...	...	...	...	...	...	4	3·8	2·11	1·71	0·91	5·77	5·42	Peshawar		
...	...	...	0·05	...	...	...	...	...	...	6	?	2·20	?	0·75	5·35	?	Abazai *C*		
...	...	...	...	...	...	...	...	...	...	3	?	0·85	?	0·50	3·20	?	Khan Mahi *C*		
...	...	...	...	...	...	...	0·07	...	...	9	?	5·94	?	2·17	9·57	?	Para Chinar (Kurram)		
...	...	...	...	...	...	...	...	...	...	7	6·5	3·93	4·27	1·37	13·63	14·82	Abbott-abad	Hazara.	
...	...	...	...	...	...	...	...	...	...	6	6·2	3·41	5·15	1·35	11·16	14·87	Mansahra		
...	...	...	...	...	...	...	...	...	...	3	4·4	0·93	3·67	0·39	6·22	11·24	Haripur		
...	...	...	...	...	...	...	...	...	...	4	4·3	1·56	2·03	0·[illegible]6	5·94	6·31	Kohat	Kohat.	
...	...	...	0·03	0·06	...	...	...	...	...	5	?	2·94	?	1·17	6·99	?	Hangu		
...	...	...	...	...	...	...	...	...	...	6	?	1·98	?	1·02	7·12	?	Thal		
...	...	...	...	...	...	...	...	...	...	4	?	1·49	?	0·62	5·24	?	Banda Daud Shah		
...	...	...	...	...	...	...	...	...	...	1	?	0·13	?	0·13	0·13	?	Khushalgarh		
...	...	...	...	...	...	...	...	...	...	0	1·3	0	0·59	0	4·16	2·50	Mianwali	Bannu.	Punjab, West.
...	...	...	...	...	...	...	...	...	...	2	1·[illegible]	0·50	0·44	0·28	4·81	2·79	Isa Khel		
...	...	...	...	...	...	...	...	...	...	5	2·6	1·17	1·31	0·56	4·46	3·23	Bannu		
...	...	...	...	...	...	...	...	...	...	1	2·4	0·34	1·46	0·34	3·34	3·31	Marwat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, West—*concluded.*	Shahpur.	Midh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sahiwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nurpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mitha Tiwana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sakesar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naushahra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khushab ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shahpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Miani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhang.	Shorkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chiniot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Badwali *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tarkhani *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muridwala *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khewra *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lalkani *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lyallpur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan.	Tank ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	...	...	0·10	...	...	...
		Kulachi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	...	0·09	0·07	...	...
		Dera Ismail Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	0 01	...	...	...	...	0·08	...	...	...
		Bhakkar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Leiah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shekh Budin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·19	...	...	...
	D. G. Khan.	Sanghar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera Ghazi Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	R.	...	...	...	...
		Fort Munro ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	R.	R.	R.	...	...	...	...
		Jampur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muzaffargarh.	Alipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muzaffargarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sinanwan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mooltan.	Mailsi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lodhran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shujabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mooltan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kabirwala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NOTE—R denotes
D do.
T do.
H do.
S do.

Punjab for the month of March 1898—**concluded.**

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st March 1898.	Average rainfall from 1st October 1897 up to 31st March 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	0	1·0	0	0·42	0	4·00	3·88	Midh	Shahpur.	Punjab, West—*concluded.*
...	...	...	...	...	...	...	...	...	...	0	2·4	0	0·90	0	2·50	2·88	Sahiwal		
...	...	...	...	...	...	...	...	...	...	0	1·0	0	0·60	0	2·65	1·96	Nurpur		
...	...	...	...	...	...	...	...	...	...	0	1·3	0	0·42	0	1·25	2·48	Mitha Tiwana		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·38	0	9·73	0·97	Sakesar		
...	...	...	...	...	...	...	...	...	...	0	2·4	0	1·12	0	4·51	4·10	Naushahra		
...	...	...	...	...	...	...	...	...	...	0	1·6	0	0·58	0	3·49	2·47	Khushab		
...	...	...	...	...	...	...	...	...	...	**0**	**1·9**	0	**0·85**	**0**	**3·85**	**3·58**	**Shahpur**		
...	...	...	...	...	...	...	...	...	...	0	1·1	0	1·06	0	4·92	3·61	Bhera		
...	...	...	...	...	...	...	...	...	...	0	2·2	0	1·66	0	4·20	4·72	Miani		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·63	0	2·27	1·66	Shorkot	Jhang.	
...	...	...	...	...	...	...	...	...	...	**0**	**1·8**	**0**	**0·80**	**0**	**2·20**	**1·79**	**Jhang**		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·60	0	3·54	1·97	Chiniot		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·90	?	Badwali *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·35	?	Tarkhani *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	3·29	?	Muridwala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·70	?	Khewra *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·60	?	Lalkani *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	3·50	?	Lyallpur *C*		
...	...	...	...	...	...	...	...	...	...	1	1·6	0·17	0·88	0·10	2·65	1·71	Tank	D. I. Khan.	
...	...	...	...	...	...	...	...	...	...	0	0·9	0·24	0·61	0·09	2·84	1·77	Kulachi		
...	...	...	...	...	...	...	...	...	...	**0**	**2·2**	**0·09**	**0·81**	**0·08**	**5·04**	**2·24**	**Dera Ismail Khan**		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·43	0	2·40	1·59	Bhakkar		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·48	0	1·72	1·48	Leiah		
...	...	...	...	...	...	...	...	...	...	1	?	0·19	?	0·19	4·88	?	Shekh Budin		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·44	0	1·69	1·40	Sanghar	D. G. Khan.	
...	...	...	...	...	...	...	...	...	...	**0**	**1·4**	**0**	**0·65**	**0**	**1·25**	**1·99**	**Dera Ghazi Khan**		
...	...	...	...	...	...	...	...	...	...	0	0·2	0	0·12	0	1·23	0·75	Fort Munro		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·36	0	1·17	0·88	Jampur		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·17	0	0·84	0·52	Rajanpur		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·21	0	2·05	1·00	Alipur	Muzaffargarh.	
...	...	...	...	...	...	...	...	...	...	**0**	**1·2**	**0**	**0·34**	**0**	**1·86**	**1·06**	**Muzaffargarh**		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·64	0	1·29	1·48	Sinanwan		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·07	0	2·18	0·72	Mailsi	Mooltan.	
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·09	0	2·54	0·91	Lodhran		
...	...	...	...	...	...	...	...	...	...	0	1·1	0	0·31	0	2·04	0·93	Shujabad		
...	...	...	...	...	...	...	...	...	...	**0**	**1·4**	**0**	**0·47**	**0**	**1·88**	**1·17**	**Mooltan**		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·41	0	1·75	1·12	Kabirwala		

slight rain.
dust storm.
thunder.
hail.
snowfall.

Memo. of Errors.

For the month of November 1897.

Against Bhiwáni (Hissar District) in column 40 *read* 0·83 *for* 0·53.
Against Dalhousie (Gurdáspur District) in column 40 insert 0·75.

For the month of December 1897.

Against Bhiwáni (Hissar District) in column 40 *read* 0·83 *for* 0·53.

For the month of January 1898.

Against Sirsa (Hissar District) in column 40 *read* 0·20 *for* 1·20.
Against Bhiwáni (Hissar District) in column 40 *read* 0·83 *for* 0·53.

For the month of February 1898.

Against Sirsa (Hissar District) in column 40 *read* 1·39 *for* 2·39.
Against Bhiwáni (Hissar District) in column 40 *read* 1·81 *for* 1·51.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

PUBLIC WORKS DEPARTMENT

Irrigation Operations of Fasl Rabi,

Canals.	Water distributed during March 1898. — *Depth in Canal at regulating gauge.* Full supply.	Actual throughout.	*Gross consumption, cubic feet per second.* Estimated full supply.	Actual average throughout.
1	2	3	4	5
MAJOR IRRIGATION WORKS.				
SWAT RIVER CANAL	6·1	3·0	775	387
Total ...	...	...	775	387
WESTERN JUMNA CANAL. At Dádupur	6·5	4·0	4,380	2,476
Main Line, Major Distributaries	...	...	558	123
Sirsa Branch	6·5	3·0	1,973	545
Delhi Branch	7·0	4·4	1,800	671
Hánsi Branch	7·9	4·8	2,165	1,004
Loss in Main Line	...	...	...	127
Total utilized ...	...	...	...	2,470
Escapage (including Canal Tail)	...	...	...	6
Total ...	...	...	4,380	2,476
BARI DOAB CANAL. Main Canal (Head Gauge, Rapid No. 2)	4·01	3·51	4,146	3,415
Salampur Feeder	4·0	0·74	1,445	217
Total entering Canal ...	...	...	5,591	3,632
Kasur Branch Lower at Tarsika	...	3·15	...	302
Sobraon Branch at Gagarbhana	...	2·11	...	241
Main Line and Main Branch Upper Distributaries ...	...	...	...	154
Main Branch Lower	4·60	3·40	...	1,643
Lahore Branch	3·35	2·14	...	705
Absorption in Main Channels	...	...	...	520
Total utilized ...	...	...	...	3,615
Escapage	...	...	...	17
Total ...	...	...	5,591	3,632
SIRHIND CANAL. Main Line	9·43	7·66	6,000	4,412
Abohar Branch	6·12	5·39	2,052	1,709
Bhatinda Branch	6·13	4·69	1,788	1,050
Feeders	9·21	7·43	2,160	1,473
Loss in Main Line	...	...	...	181
Total utilized ...	...	...	...	4,403
British Escapes	...	...	...	9
Total ...	...	...	6,000	4,412
Carried over ...	...	...	...	...

PUNJAB, IRRIGATION BRANCH.

of 1897-98 *up to* 31*st March* 1898.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck	Average.	During month.	Name.	Area irrigated *during* March 1898.	Area irrigated *to end of* March 1898	Area irrigated *to end of* March 1897.	
6	7	8	9	10	11	12	13	14	15
Peshâwar ...	89,392	12	1·4?	1·59	Wheat ...	– *3,487*	49,059	51,72	The canal ran for 18 days only.
					Barley ...	10,663	28,651	17,060	
					Mixed grain ...	...	...	...	
					Sarson ...	1,103	4,525	4,107	
					Gram ...	...	...	...	
					Senji ...	...	...	...	
					Miscellaneous	– *5,635*	7,157	6,686	
...	89,392	...	...	...	...	2,644	89,392	79,575	
Umballa ...	1,942	20	0·?8	...	Wheat ...	21,340	209,520	178,?04	Canal opened on 4th March, after 18 days' closure. The rain in February enabled the crop to be matured otherwise with the low supply in the river this would have been difficult.
Karnál ...	92,428		0·13	...	Barley ...	928	12,091	21,391	
Rohtak ...	80,893		0·26	...	Mixed grain ...	944	35,909	39,262	
Delhi ..	43,814		0·34	...	Sarson ...	22	3,622	4,379	
Hissar ...	69,009		0·24	...	Gram ...	2,947	30,270	34,158	
Jínd ...	24,680		0·24	...	Senji ...	...	9	187	
Bikanir ...	539	...	...	...	Miscellaneous	– *10,804*	46,261	93,875	
Kalsia ...	1,204	...	...	...					
Patiála ...	23,233	6	0·2?	...					
...	337,742	...	...	...	...	15,377	(*a*) 377,742	371,656	
					Wheat ...	5,506	248,777	209,193	Canal was re-opened at 15-30 on the 7th March 1898 and ran throughout the remainder of the month. The area irrigated to end of month is the highest on record.
					Barley ...	751	10,931	7,098	
Gurdáspur ...	23,312	18	1·27	...	Mixed grain ...	1,332	43,584	25,304	
Amritsar ...	177,610		0·85	...	Sarson ...	493	8,077	6,799	
Lahore ...	259,483		0·7?	...	Gram ...	853	59,319	49,044	
					Senji ...	1,431	60,843	59,416	
					Miscellaneous	– *3,023*	28,874	24,831	
...	460,405	...	...	...	...	7,343	(*b*) 460,405	381,685	
Ludhiána ...	45,18	14	0·45	...	Wheat ..	3,280	199,277	206,930	Canal ran throughout the month. The area irrigated is large, considering the good rainfall of the season.
Ferozepore ...	335,8?3		0·40	...	Barley ...	2,093	35,60	31,574	
Hissar ...	1,87	...	...	...	Mixed grain ...	2,912	68,479	68,613	
Farídkot State	59,06	...	...	...	Sarson ...	1,788	25,346	31,359	
Patiála " ..	234,02	14	0·63	...	Gram ...	2,052	149,612	156,002	
Nábha " ..	49,07				Senji ...	98	11,947	18,56	
Jínd " ...	21,17				Miscellaneous	544	258,29	350,832	
Kalsia " ...	2,29								
...	748,561	...	...	...	...	12,767	(*c*)* 748,561	863,876	
...	1,636,10	...	...	...	...	38,131	1,636,100	1,696,792	

(*a*) Excludes 6,278 acres of kharif irrigation.
(*b*) Excludes 10,959 acres of kharif irrigation.
(*c*) Excludes 34,438 acres of kharif irrigation as follows :—

British Branches	...	18,873 acres.
Native States	...	15,565 "
		34,438 "

* Includes the following areas irrigated by Native States Branches, Sirhind Canal, *viz.*—

	During March 1898.	*To end of March 1898.*	*To end of March 1897.*
Patiála State	7,050 acres.	175,148 acres.	209,530 acres.
Nábha "	596 "	19,561 "	20,858 "
Jínd "	341 "	19,488 "	22,412 "
Total ...	7,987 "	214,197 "	252,800 "

Irrigation Operations of Fasl Rabi

Canals.	Water distributed during March 1898. Depth in Canal at regulating gauge. Full supply.	Depth in Canal at regulating gauge. Actual throughout.	Gross consumption, cubic feet per second. Estimated full supply.	Gross consumption, cubic feet per second. Actual average throughout.
1	2	3	4	5
Brought forward ...	...	...	...	...
MAJOR IRRIGATION WORKS—CONCLUDED.				
Chenab Canal. Main Line ...	9·60	8·84	8,313	5,316
Kot Nikka Branch ...	5·00	...	270	264
Mián Ali Branch ...	6·15	7·46	805	894
Rakh Branch ...	5·90	5·98	1,054	1,297
Jhang Branch, Upper ...	9·00	7·35	1,074	1,071
Jhang Branch, Lower ...	7·00	3·9	1,160	439
Bhawána Branch ...	6·00	5·2	434	340
Gugera Branch (for construction only) ...	...	...	...	312
Distributaries of Main Line ...	...	...	...	277
Loss in Main Line ...	...	...	...	431
Total Main Line ...	...	...	...	5,316
Escapage ...	...	...	...	78
Total utilized ...	...	...	8,313	5,238
Lower Sohag and Para Canal ...	10·00	Dry.	3,380	Dry.
Total ...	...	...	3,380	Dry.
Sidhnai Canal ...	7·0	3·15	1,450	452
Subsidiary Canals ...	...	...	429	60
Total ...	...	...	1,879	512
Abstract—Major Irrigation Works—				
Swat River Canal ...	...	...	775	387
Western Jumna Canal ...	...	...	4,380	2,470
Bári Doáb Canal ...	...	...	5,591	3,615
Sirhind Canal ...	...	...	6,000	4,403
Chenab Canal ...	...	...	8,313	5,238
Lower Sohág and Pára Canal ...	...	...	3,380	Dry.
Sidhnai Canal ...	...	...	1,879	512
Total Major Irrigation Works ...	...	...	30,318	16,625

of 1897-98 *up to* 31*st March* 1898—continued.

LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				REMARKS.
Zilla.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* March 1898.	Area irrigated *to end of* March 1898.	Area irrigated *to end of* March 1897.	
6	7	8	9	10	11	12	13	14	15
...	1,636,100	...	...	...	...	38,131	1,636,100	1,696,792	
					Wheat ...	10,695	380,960	243,249	Canal ran throughout the month.
					Barley ...	881	19,859	8,889	
Gujránwála ...	176,915	...	...	...	Mixed grain...	...	...	105	
Jhang ...	325,052	...	...	...	Sarson ...	264	50,490	36,890	
					Gram ...	60	4,880	3,602	
					Senji ...	572	7,248	3,005	
					Miscellaneous	595	38,530	27,039	
...	501,967	...	...	...	...	13,067	*501,967	322,779	
					Wheat ...	...	19,536	12,535	
					Barley ...	...	1,162	475	
					Mixed grain...	...	8,340	3,045	
Montgomery	48,665	4	0·11	...	Sarson ...	...	...	...	
					Gram ...	...	10,675	3,191	
					Senji ...	...	...	...	
					Miscellaneous	...	8,952	8,594	
...	48,665	...	...	...	...	...	48,665	27,840	
					Wheat ...	16,773	60,451	23,251	
					Barley ...	471	1,363	497	
					Mixed grain	391	2,279	1,847	
Mooltan ...	89,565	36	0·33	...	Sarson ...	117	409	46	
					Gram ...	1,564	5733	925	
					Senji ...	...	359	73	
					Miscellaneous	12,802	18,971	9,336	
					Rawni ...	—*31,241*	...	4,880	
...	89 565	...	...	...	...	877	89,565	40,855	
	89,392	...	...	...	...	2,644	89,392	79,575	
	337,742	...	...	...	...	15,377	337,742	371,656	
...	460,405	...	...	...	...	7,343	460,405	381,685	
...	748,561	...	...	...	...	12,767	748,561	863,876	
...	501,967	...	...	...	...	13,067	501,967	322,779	
...	48,665	...	...	...	...	...	48,665	27,840	
...	89,565	...	...	...	...	877	89,565	40,855	
...	2,276,297	...	...	...	...	52,075	2,276,297	2,088,265	

* Of this, 132,056 acres are free of charge.

Irrigation Operations of Fasl Ra

Canals.	Water distributed during March 1898. — Depth in Canal at regulating gauge. — Full supply.	Depth in Canal at regulating gauge. — Actual throughout.	Gross consumption, cubic feet per second. — Estimated full supply.	Gross consumption, cubic feet per second. — Actual average throughout.
1	2	3	4	5
Total Major Irrigation Works brought forward ...	...	...	...	...
MINOR IRRIGATION WORKS.				
Upper Sutlej Canals.				
Katora Canal	10'00	Dry.	1,430	Dry.
Khánwah "	10'00		4,530	
Upper Sohág "	10'00		2,510	
Total ...	...	...	8,470	Dry.
Shahpur Canals (Imperial).				
Eastern Station Canal	...	Dry.	...	Dry.
Western " "	...		...	
Sáhiwál Canal	...		...	
Total ..	...	...	...	Dry.
Lower Sutlej and Chenab Canals	...	Dry.	0'516	Dry.
Indus Canals	...	"	7'691	"
Muzaffargarh Canals	...	"	...	165
Ghaggar Canals				
Northern Canal Head	7'0	1'03	566	26
Southern Canal Head	6'5	1'12	434	27
Minor Channels	...	...	100	...
Total discharge ...	...	...	1,100	53
Bikaner Border.				
Northern Canal	6'0	0'64	283	12
Southern Canal	5'0	0'70	217	19
Total Bikaner ...	...	...	500	31
Utilized British Territory	...	...	600	22
Total ...	...	...	1,100	53
Abstract—Minor Irrigation Works—				
Upper Sutlej Canals	...	...	...	Dry.
Shahpur Canals (Imperial)	...	...	...	
Lower Sutlej and Chenab Canals ...	...	...	...	
Indus Canals	...	...	...	
Muzaffargarh Canals	...	...	...	165
Ghaggar Canals	...	...	...	53
Total ...	...	...	...	218
Shahpur Canals (Provincial).				
Ranjwah West Canal	...	Dry.	...	Dry.
" East "	...		...	
Corbynwah Canal	...		...	
Total ...	...	...	...	...
Total Major Irrigation Works	...	...	...	16,625
Total Minor Irrigation Works	...	...	...	218
Total Major & Minor Irrigation Works (Imperial)	...	...	..	16,843
Shahpur Canals (Provincial)	...	...	...	Dry.
GRAND TOTAL	...	...	...	16,843

LAHORE :
The 19th April 1898.

of 1897-98 *up to* 31*st March* 1898—concluded.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average	During month.	Name.	Area irrigated *during* March 1898.	Area irrigated *to end of* March 1898.	Area irrigated *to end of* March 1897.	
6	7	8	9	10	11	12	13	14	15
..	2,276,297	...	...	...	...	52,075	2,276,297	2,088,266	
					Wheat ...	...	21,808	24,642	
Lahore ...	19,080	4	0·31	...	Barley ...	...	1,550	946	
					Mixed grain...	...	18,380	5,248	
Montgomery	51,246	...	...	...	Sarson ...	...		1	
					Gram ...	...	15,770	5,167	
					Senji ...	...	...	...	
					Miscellaneous	...	12,728	13,007	
...	70,326	...	...	...	...	...	70,326	49,011	
					Wheat ...	...	18,504	14,564	
					Barley ...	...	233	133	
					Mixed grain...	...	...	...	
Shahpur ...	23,665	8	1·47	...	Sarson ...	...	...	...	Canals closed.
					Gram ...	...	3,837	1,956	
					Senji ...	...	...	...	
					Miscellaneous	...	1,091	433	
...	23,665	...	...	...	...	...	23,665	17,086	
Mooltan ...	295,035	36	0·45	...	...	...	205,035	234,335	
D. G. Khan ...	49,994	10	0·39	...	...	...	49,994	43,726	
Muzaffargarh	172,330	5	0·3[illegible]	...	...	...	172,330	173,030	
					Wheat ...	85	2,788	...	
					Barley ...	10	268	...	
					Mixed grain...	...	...	...	Level of water in the lake too low to be of much use.
Hissar ...	9,509	...	...	...	Sarson ...	...	312	...	
Bikaner State	3,850	...	...	...	Gram ...	39	105	...	
					Senji ...	...	...	...	
					Miscellaneous	575	9,886	...	
...	13,359	...	...	...	...	709	(a) *13,359	...	
...	70,326	...	...	...	...	...	70,326	49,011	
...	23,665	...	...	...	...	...	23,665	17,086	
...	295,035	...	...	...	...	...	205,035	234,335	
...	49,994	...	...	...	...	...	49,994	43,726	
...	172,330	...	...	...	...	...	172,330	173,030	
...	13,359	...	...	...	...	709	13,359	...	
...	624,709	...	...	...	...	709	624,700	517,188	
					Wheat ...	...	7,030	3,568	
					Barley ...	...	70	25	
Shahpur ...	8,069	8	1·16	...	Mixed grain...	...	...	...	
					Sarson ...	...	...	...	
					Gram ...	...	798	324	Canals closed.
					Senji ...	...	...	...	
					Miscellaneous	...	162	82	
...	8,069	...	...	...	...	...	8,069	3,999	
...	2,276,297	...	...	...	...	52,075	2,276,297	2,088,266	
...	624,709	...	...	...	...	709	624,709	517,188	
...	2,901,006	...	...	...	...	52,784	2,901,006	2,605,454	
...	8,069	...	...	...	...	...	8,069	3,999	
...	2,909,075	...	...	...	...	52,784	2,909,075	2,609,453	

(a). Includes 3,850 acres of irrigation from Bikaner State Branches.
* Excludes 57 acres of kharif irrigation.

H. V. S. BAKER,
Offg. Under-Secretary to Government, Punjab,
P. W. D., Irrigation Branch.

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SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, APRIL 28, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 27th APRIL 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 17 seers ... Bájra 23 seers. Gram 26 seers.	Canal crops being reaped; báráni being threshed. Outturn average.	...
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Wheat 13 seers ... Gram 20½ seers. Bájra 23 seers.	...	Sugarcane and indigo cultivation in progress.
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 14½ seers... Gram 19 seers. Maize 27½ seers.	Threshings in progress. Extra rabi in good condition.	...
4	Jullundur ...	...	1. Sufficient ...	Wheat 16 seers ... Gram 21½ seers. Maize 27 seers. Barley 24 seers.	Harvesting in progress. Outturn good.	...
5	Ferozepore ...	...	1. Sufficient ...	Wheat 16 seers ... Gram 24 seers. Maize 20 seers. Jowár 18 seers. Bájra 18 seers. Barley 30 seers.	Reaping continues ...	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
6	Mooltan ...	...	1. Sufficient ...	Wheat, 2nd quality, 13¾ seers.	Crops being harvested ...	...
7	Lahore ...	...	1. Sufficient ...	Wheat 13 to 16 seers. Maize 21½ to 27 seers.	Reapings and threshings in progress. Outturn expected to be average.	...
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 15 seers ... Maize 27 seers.	Harvesting in progress Extra spring crops in good condition.	...
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 14½ to 15½ seers. Rice 10¼ to 11¼ seers.	Harvesting in progress. Sowings of extra rabi continue.	Sowings continue.
10	Shahpur ...	...	1. Ample ...	Wheat 16 to 19 seers. Bájra 18 to 25 seers.	Crops being reaped. Locusts in Bhera being destroyed.	...
11	Ráwalpindi ...	0·11 in Murree ...	1. Sufficient ...	Wheat 16 seers ... Bájra 20½ seers. Maize 26 seers.	Prospects good ...	...
12	Peshâwar ...	...	1. Sufficient ... 2. Good.	Wheat 15¾ seers... Maize 28 seers.	...	Cotton being sown in parts.
13	D. I. Khan ...	...	1. Sufficient ... 2. Good.	Wheat 17½ seers Bájra 28 seers.	Condition of standing crops good. Harvesting of oil-seed crops nearly over. Outturn average. Sowing of extra rabi in progress.	...

GENERAL REMARKS.

Rainfall.—Slight rain in parts of Ráwalpindi District.

Prices—Have risen in Siálkot, fallen in Ferozepore and Peshâwar, and remained almost unchanged elsewhere. Wheat selling from 13 to 19, gram 19 to 26, bulrush millet 18 to 28, great millet 18, maize 20 to 28, barley 24 to 30, and rice 10¼ to 11¼ seers per rupee.

Agricultural operations.—Reaping and harvesting of spring crops in progress. Extra spring crops being sown. Sowings of certain autumn crops going on in some districts.

Crops and outturn.—Standing crops reported good. Outturn said to be average in Hissar and Lahore. Food stocks sufficient.

Damage done to crops.—Locusts being destroyed in Shahpur.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient throughout the Province.

TULSI DAS, *Offg. Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING JANUARY 1898.

Stations.	Pressure. Barometer at 8 A. M.	Pressure. Variation from normal.	Wind. Mean direction and force in January 1898.	Wind. Normal direction and force in January.	Temperature in shade. 8 A. M.	Temperature in shade. Mean maximum.	Temperature in shade. Variation from normal.	Temperature in shade. Mean minimum.	Temperature in shade. Variation from normal.	Temperature in shade. Mean monthly variation from normal.	Humidity.	Vapour tension.	Amount of cloud, 10 overcast.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Delhi ...	30·072	—·003	N. 71° W. 5	N. 77° W. 3	50·4	73·9	+ 3·0	47·6	— 0·4	+ 1·3	55	·207	2
Sirsa ...	30·094	+ ·011	N. 80° W. 6	N. 23° W 3	46·8	75·5	+ 4·6	43·5	+ 0·9	+ 2·8	60	·200	2
Umballa ...	30·081	?	N. 64° W. 2	? ?	47·7	74·2	?	44·0	?	?	80	·269	2
Ludhiána ...	30·078	—·001	N. 62° W. 2	N. 56° W. 1	47·4	70·9	+ 3·3	45·3	+ 1·6	+ 2·5	72	·241	3
Lahore ...	30·087	+ ·002	N. 86° W. 1	N. 25° W. 2	46·8	70·5	+ 3·1	44·5	+ 3·2	+ 3·2	73	·239	3
Montgomery ...	30·088	+ ·016	N. 24° E. 5	? ?	47·7	74·7	+ 6·8	43·1	+ 0·2	+ 3·5	66	·221	2
Siálkot ...	30·052	+ ·019	N. 83° E. 1	N. 57° W. 1	47·7	70·7	+ 4·1	43·6	+ 0·8	+ 2·5	74	·247	3
Ráwalpindi ...	30·126	+ ·042	W. 2	N. 72° W. 2	43·2	65·4	+ 2·1	39·6	+ 1·8	+ 2·0	82	·234	4
Khusháb ...	30·111	?	N. 11° E. 3	? ?	46·9	72·6	?	42·6	?	?	68	·221	3
Pesháwar ...	30·124	+ ·012	S. 41° W. 2	S. 11° E 2	44·8	67·6	+ 3·7	40·9	+ 1·4	+ 2·6	67	·200	4
Dera Ismail Khan	30·120	+ ·012	N. 11° W. 2	N. 7° W. 1	45·6	73·9	+ 4·3	42·0	+ 0·8	+ 2·6	68	·213	2
Mooltan ...	30·098	—·009	N. 17° E. 0	N. 9° W. 2	49·2	75·2	+ 5·4	46·0	+ 3·4	+ 4·4	70	·251	2
Simla ...	23·157	+ ·035	N. 34° E. 5	S 31° W 4	43·3	50·7	+ 4·3	40·1	+ 3·7	+ 4·0	35	·095	3
Murree ...	23·909	+ ·056	S. 43° E 7	S. 54° E. 8	43·8	51·0	+ 3·1	40·3	+ 4·9	+ 4·0	43	·117	4
Srinagar ...	25·060	?	S. 49° E. 5	? ?	30·8	40·2	?	28·5	?	?	88	·153	7
Astor ...	22·310	?	S. 29° W. 2	? ?	25·6	39·3	?	21·6	?	?	72	·105	6
Minimarg ...	20·657	?	N. 83° E. 6	? ?	20·1	34·8	?	13·2	?	?	89	·100	5
Skardu ...	23·020	?	N. 54° W. 3	? ?	24·7	39·9	?	21·1	?	?	100	·140	7
Dras ...	20·845	?	E. 1	? ?	1·5	24·5	*	— 7·2	?	?	73†	·051†	5
Cherát ...	25·815	?	N. 7° W. 17*	? ?	45·9	54·5	?	42·5	?	?	51	·155	3

* Mean of 30 days.
† Mean of 27 days.

During January there were two periods of unsettled weather over the Punjab. On the 1st the sky was clear and the weather quiet, but on the 2nd overcast skies were reported all over the Province. On the following day a deepish depression was shown near Lahore, where it had apparently developed. The storm occasioned disturbed squally weather over North-Western India with dust storms over Sind and Rájpútána and showers over the Punjab. Snow had fallen in Kashmir and rain at Ráwalpindi, Pesháwar, Murree, Siálkot and Simla. On the following day, the 4th, the storm had disappeared and the weather cleared, but the fall of rain and snow had been succeeded by a very rapid decrease of temperature, which in the case of Montgomery and Ráwalpindi amounted to over 10°. From the 5th to the 23rd the weather was uninterruptedly fine over the Punjab, though on some days the sky clouded over and occasional light snow was received in Kashmir. On the 23rd a rapid barometric fall occurred over Kashmír, and slight snow fell there. These unsettled conditions spread over the Punjab on the following day, and rain fell at Sirsa, Ludhiána, Lahore, Montgomery, Siálkot, Ráwalpindi, Khusháb, Mooltan, Simla and Murree, while snow continued in Kashmir. On the 25th rain was again reported from Umballa, Ludhiána, Siálkot, Ráwalpindi and Khusháb and snow from Simla, but the weather was clearing, and from the 26th onward to the end of the month fine to cloudy, but rainless weather prevailed.

Pressure and winds.—The mean pressure of the month was considerably higher than usual at the hill stations and slightly higher than usual at most of the plains stations, but at Delhi, Ludhiána and Mooltan it was slightly lower. The winds were nearly normal in direction but were somewhat stronger than usual.

Temperature.—The general fine weather was accompanied with higher temperature than usual all over the Province. On the Hills and at Mooltan the mean temperature of the month was over 4° higher than the normal, at Lahore and Montgomery over 3°; at Sirsa, Ludhiána, Siálkot, Ráwalpindi, Pesháwar and Dera Ismail Khan 2° or more and at Delhi very higher. In most cases the greater part of this excess was attributable to unusually high day or maximum temperatures The hottest place was Delhi with a mean temperature of 60·8° and the coolest (on the plains) was Ráwalpindi with a mean temperature of 52·5°. It is interesting to note that the mean minimum temperature of the month at Ráwalpindi was 39·6°, while that at Murree was 40·3°, and that even the mean 8 A.M. temperature was lower at the lower than at the higher station. This inversion of the ordinary temperature conditions was very frequently shown during the month and was well displayed on the 8th, when the 8 A.M. and minimum temperatures at Ráwalpindi were 34·9° and 31·9° respectively, while those at Murree were 45·8° and 41·0° respectively.

The following table gives (1) the variation from the normal of the mean temperature of the Punjab for the previous 24 hours and (2) the lowest minimum temperature recorded in the plains, with the name of the station at which it was registered :—

Date.	Variation from normal of mean temperature of previous 24 hours.	Lowest minimum temperature recorded in plains during previous 24 hours.	Station at which registered.	Date.	Variation from normal of mean temperature of previous 24 hours.	Lowest minimum temperature recorded in plains during previous 24 hours.	Station at which registered.
1	2	3	4	1	2	3	4
1898.				1898.			
January 1st ...	+ 1·9	38·4	Ráwalpindi.	January 17th ...	+ 3·6	36·4	Ráwalpindi.
„ 2nd ..	+ 2·9	38·9	Do.	„ 18th ...	+ 3·6	36·9	Do.
„ 3rd ...	+ 2·4	38·4	Peshawar.	„ 19th ...	+ 4·1	40·0	Montgomery.
„ 4th ...	— 2·4	32·9	Do.	„ 20th ...	+ 5·5	44·0	Umballa.
„ 5th ...	— 3·8	34·5	Montgomery.	„ 21st ...	+ 5·7	44·9	Peshawar.
„ 6th ...	— 3·7	33·9	Peshawar.	„ 22nd ...	+ 7·3	41·5	Ráwalpindi.
„ 7th ...	— 2·1	31·9	Ráwalpindi.	„ 23rd ...	+ 6·8	44·5	Do.
„ 8th ...	— 1·4	31·9	Do.	„ 24th ...	+ 9·0	46·0	Do.
„ 9th ...	— 0·8	33·9	Do.	„ 25th ...	+ 2·2	38·9	Do.
„ 10th ...	+ 0·4	37·5	Umballa and Dera Ismail Khan.	„ 26th ...	+ 1·1	39·4	Ráwalpindi and Peshawar.
„ 11th ...	+ 0·2	36·5	Dera Ismail Khan.	„ 27th ...	+ 2·9	38·4	Peshawar.
„ 12th ...	+ 1·0	36·5	Do.	„ 28th ...	+ 4·5	39·9	Do.
„ 13th ...	+ 0·8	35·9	Ráwalpindi and Peshawar.	„ 29th ...	+ 6·5	41·4	Do.
„ 14th ...	+ 2·6	36·9	Ráwalpindi.	„ 30th ...	+ 8·0	45·4	Do.
„ 15th ...	+ 3·7	37·9	Do.	„ 31st ...	+ 7·8	47·0	Do.
„ 16th ...	+ 3·1	37·4	Do.				

From the 4th to the 9th the mean temperature of the whole Province was below the normal average, the days of greatest deficiency being the 5th and 6th. This period of relative coolness followed and was caused by the disturbed weather which prevailed between the 3rd and 5th. The unsettled conditions which were experienced on the 23rd and 24th were accompanied with very excessive temperatures and followed by a very rapid fall, but the mean temperature of the whole Province did not at this time fall to below the normal.

Humidity and cloud.—The humidity was low at the hill stations, but was about normal elsewhere. The sky was unusually free of cloud.

Rain.—There were two periods of unsettled weather and of rainfall over the Province, and during these two periods rain was received at all stations in the Punjab, except Dera Ismail Khan and Delhi. The amount of rain received was however quite unimportant at the following four stations, *viz.*, Peshâwar, Lahore, Umballa and Sirsa, and was less than usual everywhere. The concluding table shows the actual and normal rainfall for the month. In the case of every station the amount of rain received was below the normal, the deficiency being more than 2 inches at Cherât and Siâlkot and more than 1 inch at Peshâwar, Murree, Râwalpindi, Lahore, Umballa, Ludhiâna, Simla and Delhi.

The following table gives the rainfall data for the Punjab stations for January 1898:—

Stations.	Normal average rainfall in January.	Actual rainfall in January 1898.	Difference from the average in January 1898.
1	2	3	4
Punjab, West.	Inches.	Inches.	Inches.
Mooltan	0·48	0·16	—0·32
Dera Ismail Khan	0·53	0	—0·53
Khushâb	0·52	0·12	—0·40
Peshâwar	1·77	0·05	—1·72
Murree	3·52	1·64	—1·88
Srinagar	2·59	1·91	—0·68
Astor	?	1·21	?
Minimarg	?	3·00	?
Skardu	?	0·26	?
Dras	?	1·22	?
Cherât	2·94	0·44	—2·50
Râwalpindi	2·84	1·35	—1·49
Siâlkot	2·49	0·43	—2·06
Lahore	1·06	0·06	—1·00
Montgomery	0·58	0·32	—0·26
Punjab, East.			
Umballa	1·15	0·04	—1·11
Ludhiâna	1·97	0·52	—1·45
Simla	2·35	0·79	—1·56
Delhi	1·24	0	—1·24
Sirsa	0·90	0·05	—0·85

SIMLA:
The 17*th February* 1898.

W. L. DALLAS,
Meteorological Reporter to Government, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 9TH APRIL 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhoea.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	4	3	7	14	9	5	...	...	...	8	...	...	6	2	...	2	22	43	1
2		Hansi ...	15,190	7	5	12	3	2	1	...	...	...	2	...	...	1	...	...	...	41	10	2
3		Bhiwani ...	35,487	8	6	14	17	10	7	...	...	...	7	...	...	10	2	1	3	21	25	3
4		Sirsa ...	16,415	3	3	6	11	7	4	...	...	...	3	...	...	8	2	2	4	19	35	4
5	Rohtak ...	Rohtak ...	16,191	12	8	20	4	3	1	...	...	...	3	...	...	1	...	...	...	64	13	5
6		Jhajjar ...	11,881	3	2	5	10	3	7	...	...	...	6	...	...	4	1	3	4	22	44	6
7	Gurgaon ...	Rewari ...	27,934	3	4	7	5	3	2	...	...	...	2	1	...	2	...	...	...	13	9	7
8		Palwal ...	11,227	3	7	10	11	5	6	...	...	...	8	...	...	3	2	...	2	46	51	8
9	Delhi ...	Delhi ...	189,648	41	38	79	114	62	52	...	...	2	57	3	...	52	19	17	36	22	31	9
10		Sonepat ...	12,611	7	7	14	3	3	...	...	...	...	2	1	...	...	...	...	...	58	12	10
11	Karnal ...	Karnal ...	21,530	5	7	12	16	7	9	...	...	...	9	1	...	6	2	1	3	29	39	11
12		Kaithal ...	15,768	8	1	9	9	5	4	...	...	1	4	1	...	3	...	1	1	30	30	12
13		Panipat ...	27,547	5	7	12	23	15	8	...	...	...	9	2	1	11	3	5	8	23	44	13
14		Shahabad ...	11,473	3	3	6	15	9	6	...	...	...	11	1	...	3	1	1	2	27	68	14
15	Umballa ...	Umballa ...	26,856	9	7	16	13	9	4	...	...	...	6	1	...	6	2	...	2	31	25	15
16		Jagadhri ...	13,029	1	1	2	6	2	4	...	...	...	4	...	...	2	...	2	2	8	24	16
17		Sadhaura ...	10,445	1	1	2	3	2	1	...	...	...	2	...	...	1	1	...	1	10	15	17
18	Hoshiarpur	Hoshiarpur ...	17,546	3	1	4	5	3	2	...	...	...	1	...	...	4	2	...	2	12	15	18
19		Tanda and Urmar	11,632	7	5	12	4	3	1	...	...	1	2	...	...	1	1	...	1	54	18	19
20	Jullundur ...	Jullundur ...	50,375	16	19	35	30	14	16	...	...	...	10	2	...	18	6	5	11	36	31	20
21		Rahon ...	10,667	3	2	5	3	3	...	...	...	...	...	...	...	3	1	...	1	24	15	21
22		Kartarpur ...	10,441	3	8	11	2	...	2	...	...	...	1	...	...	1	...	1	1	55	10	22
23	Ludhiana ...	Ludhiana ...	46,024	8	10	18	17	11	6	...	...	...	5	...	1	11	3	...	3	20	19	23
24		Jagraon ...	18,116	6	4	10	8	6	2	...	...	...	2	1	...	5	4	1	5	29	23	24
25	Ferozepore ...	Ferozepore ...	25,337	7	3	10	6	2	4	...	...	...	2	...	...	4	1	1	2	21	12	25
26	Mooltan ...	Mooltan ...	64,265	19	13	32	27	12	15	...	...	...	9	4	...	14	5	6	11	26	22	26
27	Jhang ...	Maghiana ...	13,866	5	4	9	3	3	...	...	...	...	...	...	...	3	2	...	2	34	11	27
28		Chiniot ...	13,476	6	5	11	8	3	5	...	...	...	1	...	...	7	2	...	2	43	31	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
29	Lahore ...	Lahore ...	159,597	43	45	88	80	48	32	...	...	1	39	3	1	32	11	6	17	29	26
30		Kasur ...	20,290	7	6	13	9	5	4	...	...	...	4	...	...	5	...	1	1	33	2[illegible]
31		Chunian ...	10,339	6	4	10	8	5	3	...	...	...	3	...	...	5	1	2	3	50	40
32	Amritsar ...	Amritsar ...	135,401	39	33	72	87	43	44	...	...	...	44	1	2	40	10	8	18	28	34
33	Gurdaspur ...	Batala ...	27,223	11	9	20	15	5	10	...	...	1	6	...	1	7	...	3	3	38	29
34	Sialkot ...	Sialkot ...	33,965	13	12	25	25	12	13	...	...	...	10	2	...	13	6	1	7	38	38
35	Gujrat ...	Gujrat ...	17,671	13	3	16	8	4	4	...	...	...	8	...	...	...	...	...	...	47	24
36		Jalalpur ...	11,065	2	2	4	12	7	5	...	...	...	...	...	...	12	1	1	2	19	57
37	Gujranwala...	Gujranwala ...	25,892	6	7	13	12	5	7	...	...	...	4	...	...	8	2	2	4	26	24
38		Wazirabad ...	15,786	7	3	10	6	4	2	...	...	...	2	2	...	2	1	1	2	33	20
39	Shahpur ...	Bhera ...	17,428	6	5	11	7	5	2	...	...	...	1	...	...	6	2	...	2	33	21
40	Jhelum ...	Pind Dadan Khan	15,055	1	7	8	8	6	2	...	...	...	5	1	...	2	1	1	2	28	28
41	Rawalpindi ...	Rawalpindi ...	38,334	10	13	23	24	9	15	...	...	...	12	...	...	12	1	3	4	31	33
42	Peshawar ...	Peshawar ...	63,079	14	15	29	34	24	10	...	...	...	23	4	1	6	2	3	5	24	28
43	Kohat ...	Kohat ...	Return not received.																		
44	D. I. Khan ...	Dera Ismail Khan	21,573	4	2	6	21	11	10	...	...	...	14	4	...	3	1	1	2	15	51
45	D. G. Khan ...	Dera Ghazi Khan	23,899	4	7	11	3	2	1	...	...	...	2	1	...	...	...	1	1	24	7
	Grand Total	...	1,398,428	392	357	749	749	411	338	...	...	6	353	40	7	343	103	81	184	28	28
	Hill Sanitaria.																				
	Simla ...	...	Return not received.																		
	Dharmsala ...	...	2,778	...	1	1	3	1	2	...	...	...	...	...	...	3	1	1	2	19	56
	Dalhousie ...	...	807	1	...	1	2	2	...	...	...	...	1	...	...	1	1	...	1	15	129
	Murree ...	...	1,459	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	36	...

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
Lahore:
The 26th April 1898.

W. A. CRAWFORD ROE, F.R.C.S., Bde.-Surg.-Lieut.-Col.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 9TH APRIL 1898.

Births and Deaths in Municipal Towns.—In the 44 large Municipal towns 749 births were registered (392 males and 357 females), giving a birth-rate of 28 per *mille* of population; 749 deaths were registered (411 males and 338 females), giving a death-rate of 28 per *mille* of population. [One hundred and ten deaths were registered from Plague in the Jullundur District and 56 in the Hoshiárpur District during the week.]

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE, LAHORE:
The 26th April 1898.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

QUANTITIES PER RUPEE AT THE

1	2			3			4			5		
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 15th April 1898.	Past fortnight ending 31st March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th April 1898.	Past fortnight ending 31st March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th April 1898.	Past fortnight ending 31st March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th April 1898.	Past fortnight ending 31st March 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	14	14	10	34	20	11	...	...	...	10	10	8
Rohtak ...	15	12	9	23	18	12	...	...	...	10	10	9
Gurgaon ...	15	14	11	27	24	14	...	...	...	8	8	8
Delhi ...	13	12	11	24	21	14	...	...	...	10	10	9
Karnál ...	14	14	11	24	23	13	...	...	...	12	12	8
Umballa ...	15	16	10	21	21	11	...	...	...	10	10	8
Simla ...	10	12	8	17	16	8	...	...	...	9	9	7
Kángra ...	14	15	9	20	22	10	...	...	...	10	11	8
Hoshiárpur ...	17	18	11	24	20	13	...	...	...	10	11	8
Jullundur ...	16	18	10	24	20	16	...	...	...	8	8	8
Ludhiána ...	16	16	11	23	19	16	...	...	...	8	8	8
Ferozepore ...	15	14	9	26	21	15	...	...	...	7	7	7
Mooltan ...	12	11	7	21	23	13	...	...	...	14	13	8
Jhang ...	16	16	10	26	26	15	...	...	...	12	12	8
Montgomery ...	15	15	9	20	23	‡	...	...	...	10	10	8
Lahore ...	15	15	9	30	26	15	...	...	...	10	10	7
Amritsar ...	15	15	10	26	24	16	...	...	...	9	9	7
Gurdáspur ...	17	17	12	30	21	20	...	...	...	10	10	8
Siálkot ...	15	15	9	25	24	14	...	...	...	11	11	7
Gujrát ...	16	16	8	18	18	10	...	...	...	9	9	8
Gujránwála ...	17	16	11	32	25	18	...	...	...	11	11	8
Shahpur ...	16	15	8	28	28	16	...	...	...	7	7	6
Jhelum ...	16	16	9	26	23	12	...	...	...	10	10	8
Ráwalpindi ...	16	15	8	37	32	12	...	...	...	8	8	6
Hazára ...	15	14	8	25	25	10	...	...	...	9	9	7
Pesháwar ...	15	15	8	37	27	12	...	...	...	8	8	7
Kohát ...	17	17	9	29	29	15	...	...	...	11	[illegible]	9
Bannu ...	24	25	11	39	30	10	...	...	...	12	11	8
D. I. Khan ...	16	16	8	23	28	16	...	...	...	7	7	6
D. G. Khan ...	13	13	8	25	23	15	...	...	...	13	12	7
Muzaffargarh	14	14	8	24	18	14	...	...	...	12	12	9

† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH APRIL 1898.

ORDINARY SEER OF 80 TOLAS.

6			7			1
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*			
Present fortnight ending 15th April 1898.	Past fortnight ending 31st March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th April 1898.	Past fortnight ending 31st March 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
23	23	11	23	23	10	Hissar.
22	22	10	22	21	8	Rohtak.
20	20	11	24	24	9	Gurgaon.
22	21	10	23	21	9	Delhi.
23	2	9	20	20	8	Karnál.
25	28	11	22	22	9	Umballa.
19	17	8	16	17	8	Simla.
†	†	§	†	†	§	Kángra.
17	18	12	16	17	9	Hoshiárpur.
20	17	§	19	19	8	Jullundur.
21	23	9	21	21	8	Ludhiána.
25	21	11	27	20	9	Ferozepore.
16	18	9	21	18	10	Mooltan.
27	28	9	22	22	§	Jhang.
‡	19	§	‡	17	§	Montgomery.
18	20	11	17	18	8	Lahore.
18	18	8	17	18	8	Amritsar.
20	20	12	11	11	10	Gurdáspur.
18	18	11	18	18	§	Siálkot.
17	17	10	13	17	9	Gujrát.
20	18	10	17	17	10	Gujránwála.
16	16	9	18	18	9	Shahpur.
20	20	12	23	18	10	Jhelum.
26	24	11	20	20	9	Ráwalpindi.
§	§	§	16	16	§	Hazára.
24	24	11	18	16	8	Peshávar.
§		†	26	23	10	Kohát.
41	41	10	40	35	8	Bannu.
33	34	12	26	24	10	D. I. Khan.
23	23	10	23	21	9	D. G. Khan.
18	15	9	18	16	10	Muzaffargarh.

-duced.

-curable.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 15 seers as compared with 15 seers in last fortnight and 9 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Rohtak ...	9	12	15
Jullundur ...	10	18	16
Lahore ...	9	15	15
Ráwalpindi ...	8	15	16
Kohát ...	9	17	17
Bannu ...	11	25	24

Barley.—Prices average 26 seers as compared with 24 seers in last fortnight and 11 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Hissar ...	11	20	34
Ferozepore ...	15	21	26
Lahore ...	15	26	30
Ráwalpindi ...	12	32	37
Peshávar ...	12	27	37
Bannu ...	10	39	39

Rice.—Prices average 10 seers as compared with 10 seers in last fortnight and 8 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Karnal ...	8	12	12
Hoshiárpur ...	8	11	10
Mooltan ...	8	13	14
Siálkot ...	7	11	11
Kohát ...	9	12	11
D. G. Khan ...	7	12	13

Jowár.—Prices average 22 seers as compared with 22 seers in last fortnight and 10 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Umballa ...	11	28	25
Ferozepore ...	11	21	25
Jhang ...	9	28	27
Ráwalpindi ...	11	24	26
Peshávar ...	11	24	24
Bannu ...	10	41	41

Bájra.—Prices average 21 seers as compared with 20 seers in last fortnight and 9 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Gurgaon ...	9	24	24
Ferozepore ...	9	20	27
Mooltan ...	10	18	21
Jhelum ...	10	18	23
Kohát ...	10	23	26
Bannu ...	8	35	40

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICT[S]

QUANTITIES PER RUPEE

1	8			9			10			11		
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 15th April 1898.	Past fortnight ending 31st March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th April 1898.	Past fortnight ending 31st March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th April 1898.	Past fortnight ending 31st March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th April 1898.	Past fortnight ending 31st March 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	‡	26	17	11	†	†	[illegible]
Rohtak ...	†	†	†	10	10	10	21	17	10	18	18	[illegible]
Gurgaon ...	†	†	†	†	†	†	16	14	11	16	16	[illegible]
Delhi ...	†	†	†	13	13	8	21	14	11	21	19	[illegible]
Karnál ...	24	24	10	8	8	8	20	14	10	25	21	[illegible]
Umballa ...	§	§	12	16	16	§	20	16	11	27	26	[illegible]
Simla ...	14	13	§	8	8	8	12	13	9	19	21	[illegible]
Kángra ...	§	§	‡	‡	‡	§	13	12	10	19	21	[illegible]
Hoshiárpur ...	20	20	§	13	13	10	18	19	13	28	26	[illegible]
Jullundur ...	§	§	§	16	16	12	19	18	12	28	26	[illegible]
Ludhiána ...	†	†	§	15	15	10	21	17	12	28	25	[illegible]
Ferozepore ...	†	†	†	17	20	6	20	18	12	25	24	[illegible]
Mooltan ...	†	†	†	12	14	7	16	15	10	18	17	[illegible]
Jhang ...	24	24	8	28	28	10	16	13	10	27	25	[illegible]
Montgomery ...	‡	§	§	‡	†	†	19	14	12	‡	20	‡
Lahore ...	§	§	§	20	17	6	20	16	12	23	21	[illegible]
Amritsar ...	†	†	†	17	17	6	20	16	12	26	26	[illegible]
Gurdáspur ...	§	§	14	12	12	10	22	17	13	25	20	[illegible]
Siálkot ...	§	§	§	§	§	§	19	14	10	21	19	[illegible]
Gujrát ...	†	†	†	7	7	§	18	13	10	20	20	[illegible]
Gujránwála ...	†	†	†	16	16	8	20	16	12	20	20	[illegible]
Shahpur ...	20	16	8	20	16	8	20	16	12	16	16	[illegible]
Jhelum ...	‡	†	‡	‡	‡	‡	20	17	12	23	19	[illegible]
Ráwalpindi ...	‡	‡	‡	12	12	10	18	15	10	27	24	[illegible]
Hazára ...	†	†	†	§	§	§	13	13	9	20	20	[illegible]
Peshâwar ...	†	†	†	20	16	8	16	14	9	26	25	[illegible]
Kohát ...	†	†	†	§	§	§	20	21	11	26	[illegible]	[illegible]
Bannu ...	13	13	9	7	7	10	28	28	20	48	43	[illegible]
D. I. Khan ...	§	§	§	4	4	4	19	20	12	31	24	[illegible]
D. G. Khan ...	§	§	§	§	§	§	15	15	9	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	14	14	10	§	§	§

† Not pr[...]
‡ Not sold.
§ Not pr[...]

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH APRIL 1898—continued.

12			13			1	
THE ORDINARY SEER OF 80 TOLAS.							
Arhur or Thur, Cadjan Pea ajanus Indicus).			*Firewood.*				
Present fortnight ending 15th April 1898.	Past fortnight ending 31st March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th April 1898.	Past fortnight ending 31st March 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
†	†	†	100	100	100	Hissar.	
10	10	10	100	100	120	Rohtak.	
13	12	11	140	140	140	Gurgaon.	
15	13	11	90	90	100	Delhi.	
13	13	9	160	160	160	Karnál.	
§	§	§	140	140	160	Umballa.	
7	7	7	80	80	80	Simla.	
12	10	§	100	100	100	Kángra.	
8	8	6	110	110	130	Hoshiárpur.	
§	§	§	100	100	100	Jullundur.	
9	8	7	101	110	110	Ludhiána.	
7	7	6	120	100	120	Ferozepore.	
†	†	†	100	100	110	Mooltan.	
8	8	7	160	160	160	Jhang.	
‡	‡	6	260	250	310	Montgomery.	
9	9	7	98	89	95	Lahore.	
§	§	†	100	100	110	Amritsar.	
§	§	§	100	100	120	Gurdáspur.	
§	§	§	120	120	120	Siálkot.	
†	†	†	140	140	110	Gujrát.	
‡	11	†	115	115	95	Gujránwála.	
†	†	†	160	160	160	Shahpur.	
‡	‡	‡	120	120	120	Jhelum.	
‡	‡	‡	65	65	80	Ráwalpindi.	
	†	†	100	81	100	Hazára.	
	14	13	57	57	83	Peshâwar.	
†	†	†	102	102	128	Kohát.	
5	5	8	70	70	74	Bannu.	
6	6	7	125	125	125	D. I. Khan.	
§	§	§	100	100	100	D. G. Khan.	
5	5	§	140	140	140	Muzaffargarh.	

Gram.—Prices average 19 seers as compared with 16 seers in last fortnight and 11 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Srs.	Srs.	Srs.
Hissar	...	11	17	26
Ludhiána	...	12	17	21
Gurdáspur	...	13	17	22
Siálkot	...	10	14	19
Kohát	...	11	21	20
Bannu	...	20	28	28

Maize.—Prices average 24 seers as compared with 22 seers in last fortnight and 10 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Srs.	Srs.	Srs.
Umballa	...	11	26	27
Ludhiána	...	11	25	28
Amritsar	...	8	26	26
Ráwalpindi	...	9	24	27
Peshâwar	...	9	25	26
Bannu	...	13	43	48

duced.

curable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt.					
	Present fortnight ending 15th April 1898.		Past fortnight ending 31st March 1898.		Corresponding fortnight of 1897	
DISTRICTS.	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 4	11 0	11 4	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 3	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 4	12 0	12 0	11 0
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 12
Simla	9 0	8 8	9 0	8 8	10 0	9 0
Kángra	*	10 0	*	10 0	*	11 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 4	12 8	13 8	12 8	13 4	12 12
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	12 4	12 4	12 4	12 4	13 0	12 8
Jhang	12 4	12 0	12 5	12 0	12 8	12 4
Montgomery	12 12	12 8	12 12	12 8	12 12	12 8
Lahore	13 10	13 2	13 8	13 0	13 6	12 14
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 8
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	14 8	14 0	13 12	13 8	14 0	13 12
Shahpur	13 8	13 0	13 8	13 0	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	13 12	14 0	13 12	13 14	13 12
Hazára	*	11 8	*	11 8	*	11 8
Peshávar	20 0	19 0	15 0	14 0	20 0	19 0
Kohát	25 8	21 8	19 2	16 10	23 0	20 6
Bannu	22 8	20 0	22 8	20 0	23 0	21 0
D. I. Khan	13 12	13 6	15 0	14 0	16 4	15 8
D. G. Khan	13 12	11 14	12 8	11 4	14 2	13 2
Muzaffargarh	*	12 0	*	12 0	12 8	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH APRIL 1898—concluded.

15			16			1	
THE ORDINARY SEER OF 80 TOLAS.							
Gur.			*Cotton (unginned).*				
Present fortnight ending 15th April 1898.	Past fortnight ending 31st March 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th April 1898.	Past fortnight ending 31st March 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs. C	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.		
10 0	10 0	10 8	7 8	7 8	7 8	Hissar.	
12 0	11 0	12 0	10 0	9 0	8 0	Rohtak.	
10 8	10 8	10 8	9 0	9 0	9 0	Gurgaon.	
9 0	9 0	9 0	9 8	9 8	9 0	Delhi.	
11 0	11 0	11 0	11 0	10 0	10 0	Karnál.	
9 8	9 0	10 0	10 0	10 0	9 0	Umballa.	
6 8	6 8	8 8	†	†	†	Simla.	
7 0	8 0	9 0	6 0	6 0	6 0	Kángra.	
8 0	8 0	10 0	10 0	10 0	8 0	Hoshiárpur.	
9 0	9 0	9 0	11 0	11 0	9 8	Jullundur.	
7 8	7 8	7 8	8 0	8 0	7 8	Ludhiána.	
7 12	8 12	8 12	8 12	9 12	8 12	Ferozepore.	
9 0	8 8	7 12	9 0	9 0	8 0	Mooltan.	
8 8	9 8	8 12	10 8	10 0	9 0	Jhang.	
8 10	8 8	8 4	10 0	10 0	9 0	Montgomery.	
8 8	8 4	8 8	9 0	9 5	8 0	Lahore.	
8 8	8 8	9 12	9 4	9 4	8 12	Amritsar.	
9 0	10 0	10 0	9 0	9 0	8 0	Gurdáspur.	
8 4	9 0	10 0	8 8	8 8	8 0	Siálkot.	
8 0	8 0	9 8	9 0	9 0	9 0	Gujrát.	
9 0	8 10	10 8	10 0	10 0	9 8	Gujránwála.	
8 8	8 0	8 8	9 0	9 0	‡	Shahpur.	
8 8	9 0	9 8	‡	‡	‡	Jhelum.	
8 4	8 12	9 12	8 12	8 12	8 12	Ráwalpindi.	
7 8	7 4	7 8	§	§	§	Hazára	
7 0	[illegible] 6	8 2	9 2	9 2	9 10	Peshawar.	
7 11	3 12	9 4	11 8	11 8	11 8	Kohát.	
13 2	13 2	11 8	8 12	8 12	10 0	Bannu.	
8 2	8 0	9 6	‡	‡	10 10	D. I. Khan.	
6 10	6 9	6 14	10 15	10 15	§	D. G. Khan.	
7 8	8 0	9 5	10 0	10 0	8 0	Muzaffargarh.	

sale salt sold.
duced.

curable.

TULSI DAS, *Offg. Supdt.*,
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QU

1	2	3	4	5	6	7	8	9	10	11
	WHOLESALE PRICE PER MAUND OF									
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi	2 8 0	3 10 2	2 13 3	1 10 1	1 13 1	1 11 10	1 14 6	1 14 6	3 10 2	4 7 1
Ferozepore ...	2 4 0	5 11 5	2 10 8	1 6 10	1 8 8	1 6 10	1 8 8	2 0 0	5 11 5	4 7 1
Mooltan	1 6 1	2 12 11	3 5 4	1 13 0	2 5 8	1 13 0	2 1 6	2 6 9	...	4 0 0
Lahore	2 2 6	4 1 6	2 7 6	1 5 0	2 1 8	2 3 6	1 10 8	1 15 2	4 5 3	4 0 0
Amritsar	2 8 0	4 7 1	2 8 0	...	2 1 8	...	...	1 14 6	...	...
Ráwalpindi ...	1 7 8	4 11 3	2 8 0	1 1 0	1 8 7	1 15 3	1 7 8	2 3 6	5 0 0	3 5 4

...OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH APRIL 1898.

...R 40 SEERS OF 80 TOLAS EACH.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
Poppy seed.	Til (Jinjili seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.
20 0 0	5 0 0	4 3 4	10 10 8	34 9 6	3 7 8	8 0 0	11 6 10	...	0 10 8	0 14 3	0 8 0	125	60 0 0
5 11 5	4 7 1	5 0 0	12 4 0	34 0 0	3 2 0	5 0 0	11 6 10	30 0 0	0 5 3	0 8 0	0 8 0	75	50 0 0
6 10 6	4 11 0	4 3 2	11 7 0	33 10 6	3 11 9	10 0 0	13 5 4	...	0 4 11	0 8 0	0 8 0	70	50 0 0
5 8 0	4 10 2	4 9 2	12 4 11	33 11 0	2 15 1	5 11 5	12 4 11	31 0 0	1 0 0	0 8 0	...	105	100 0
—	4 11 4	4 9 2	12 4 11	...	2 10 8	...	...	...	...	0 6 5	...	...	60 0 0
5 8 0	5 0 0	4 10 0	13 5 4	32 0 0	2 13 9	4 0 0	10 0 0	29 4 6	0 9 0	0 9 10	0 10 8	60	60 0 0

TULSI DAS, *Offg. Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

NORTH-WESTERN RAILWAY.

Abstract of Principal Commodities carried over the North-Western Railway during the month of February 1898 as compared with the same month of the previous year.

No.	Staples.		1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
			No.	No.	No.	No.	
1	Animals	...	1,423	4,054	2,631	...	
			Tons.	Tons.	Tons.	Tons.	
2	Coal and coke	...	3,756	3,360	...	396	
3	Cotton, raw	...	7,120	8,059	939	...	
4	Cotton, manufactured—						
	(1) Twist and yarn, European	...	203	125	...	78	
	(2) Twist and yarn, Indian	...	230	274	44	...	
	(3) Piece-goods, European	...	1,750	1,629	...	121	
	(4) Piece-goods, Indian	...	1,207	1,444	237	...	
5	Drugs and chemicals—						
	(1) Intoxicating other than opium	...	31	45	14	...	
	(2) Non-intoxicating—						
	(a) Cinchona bark	...	...	...	...	...	
	(b) Others	...	527	923	396	...	
6	Dyes and tans—						
	(1) Indigo	...	131	617	486	...	
	(2) Myrabolams	...	24	29	5	...	
	(3) Cutch	...	3	2	...	1	
	(4) Turmeric	...	122	153	31	...	
	(5) Alizarine and aniline dyes	...	60	40	20	...	
	(6) Others	...	323	420	97	...	
7	Grain and pulse—						
	(1) Wheat	...	9,655	22,360	12,705	...	
	(2) Rice in the husk	...	2,538	1,940	...	598	
	(3) Rice not in the husk	...	5,547	9,116	3,569	...	
	(4) Jowár and bájra	...	22,389	18,774	...	3,615	
	(5) Gram and pulse	...	14,759	7,730	...	7,029	
	(6) Others	...	847	2,068	1,221	...	
8	Hides and skins—						
	(1) Hides of cattle—						
	(a) Dressed or tanned	...	470	78	...	392	
	(b) Raw	...	766	1,043	277	...	
	(2) Skins of sheep, &c.—						
	(a) Dressed or tanned	...	7	125	118	...	
	(b) Raw	...	749	386	...	363	
9	Horns	...	21	52	31	...	
10	Jute—						
	(1) Raw	...	10	5	...	5	
	(2) Gunny bags and cloth	...	1,794	2,101	307	...	
11	Lac—						
	(1) Stick	...	1	1	...	...	
	(2) Shell	...	23	18	...	5	
12	Leather, manufactured	...	294	181	...	113	
13	Liquors—						
	(1) Beer	...	622	862	240	...	
	(2) Spirits	...	64	128	64	...	
	(3) Wines	...	196	296	100	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
14	Metals—					
	(1) Copper, unwrought ...	38	39	1	...	
	(2) Brass, unwrought ...	18	50	32	...	
	(3) Copper, wrought ...	70	60	...	10	
	(4) Brass, wrought ...	104	107	3	...	
	(5) Iron ...	2,340	2,225	...	115	
	(6) Others ...	137	234	97	...	
15	Oils—					
	(1) Kerosine ...	1,221	1,335	114	...	
	(2) Castor ...	17	17	...	...	
	(3) Cocoanut oil ...	9	18	9	...	
	(4) Others ...	314	436	122	...	
16	Oil-seeds—					
	(1) Linseed ...	35	49	14	...	
	(2) Rape and mustard ...	1,493	950	...	543	
	(3) Til or jinjili ...	3,430	3,859	429	...	
	(4) Poppy ...	14	14	...	...	
	(5) Earthnut ...	2	4	2	...	
	(6) Castor ...	9	...	...	9	
	(7) Cotton seeds ...	4,765	3,971	...	794	
	(8) Others ...	704	1,144	440	...	
17	Opium ...	4	11	7	...	
18	Paper and paste-boards ...	179	295	116	...	
19	Provisions—					
	(1) Ghi ...	1,084	891	...	193	
	(2) Dried fruits ...	1,490	1,416	...	74	
	(3) Atta ...	2,435	2,976	541	...	
	(4) Others ...	1,768	2,799	1,031	...	
20	Railway Materials for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders ...	...	...	...	...	
	(2) Carriages and Trucks ...	...	...	...	...	
	(3) Materials for construction—					
	(a) Wooden sleepers ...	3,922	6,150	2,228	...	
	(b) Other sorts ...	1,487	1,875	388	...	
21	Salt ...	6,083	6,502	419	...	
22	Saltpetre, &c.—					
	(1) Saltpetre ...	290	180	...	110	
	(2) Other saline substances ...	344	633	289	...	
23	Silk, raw—					
	(1) Foreign ...	20	10	...	10	
	(2) Indian ...	11	4	...	7	
24	Silk piece-goods—					
	(1) Foreign ...	1	3	2	...	
	(2) Indian ...	10	7	...	3	
25	Spices—					
	(1) Betelnuts ...	31	27	...	4	
	(2) Pepper ...	71	46	...	25	
	(3) Ginger ...	147	143	...	4	
	(4) Chillies ...	531	441	...	90	
	(5) Cardamums ...	20	14	...	6	
	(6) Others ...	151	405	254	...	
26	Stone and lime ...	5,916	6,252	336	...	
27	Sugar—					
	(1) Refined ...	3,049	6,214	3,165	...	
	(2) Unrefined ...	21,707	19,448	...	2,259	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
28	Tea—					
	(1) Foreign ...	15	18	3	...	
	(2) Indian ...	107	175	68	...	
29	Timber ...	5,256	4,633	...	623	
30	Tobacco—					
	(1) Unmanufactured ...	664	623	...	41	
	(2) Manufactured—					
	(a) Cigars ...	15	16	1	...	
	(b) Others ...	62	79	17	...	
31	Wool, raw ...	732	1,064	332	...	
32	Wool, manufactured—					
	(1) Piece-goods, European ...	12	45	33	...	
	(2) Piece-goods, Indian ...	104	128	24	...	
	(3) Shawls ...	...	...	...	...	
33	All other articles of merchandise—					
	(1) Firewood ...	6,353	9,030	2,677	...	
	(2) Manures ...	1,903	1,844	...	59	
	(3) Fodder ...	6,856	10,552	3,696	...	
	(4) Lucifer matches ...	65	75	10	...	
	(5) Others ...	7,379	10,255	2,876	...	
		No.	No.	No.	No.	
	Total ... Animals ...	1,423	4,054	2,631	...	
		Tons.	Tons.	Tons.	Tons.	
	Total ... Goods ...	171,233	1,94,175	22,942	...	

LAHORE:
The 14th April 1898.

K. BALA RAMA IYER,
for *Examiner of Accounts, North-Western Railway.*

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic** for week ended 2nd April 1898, on 162·24 **miles open.

	Coaching Traffic.		*Merchandise and Mineral Traffic.*				*Traffic train-miles run.*		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P	Mds. Srs	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	20,130	21,922 15 0	107,027 30	15,763 0	42 0 0	37,728 10 0	7,977	5,266	13,243
Or per mile of Railway	...	135 2 0	...	97 2 7	0 4 2	232 8 9	...	...	...
For previous $12\frac{1}{7}$ weeks of half-year	*430,724	*2,60,680 5 0	†1,322,340 10	†2,01,329 13 0	‡1,182 0 0	4,63,192 2 0	92,542	57,025	149,567
Total for $13\frac{1}{7}$ weeks ...	450,854	2,82,603 4 0	1,429,368 0	2,17,093 8 0	1,224 0 0	5,00,920 12 0	1,00,519	62,291	162,810
COMPARISON.									
Total for corresponding week of previous year ...	20,488	23,401 15 7	87,601 20	12,601 0 0	54 6 6	36,057 6 1	7,258	4,139	11,397
Per mile of Railway corresponding week of previous year.	...	145 13 4	...	78 8 5	0 5 5	224 11 2	...	...	...
Total for corresponding $13\frac{2}{7}$ weeks of previous year ...	221,306	1,94,499 0 10	1,241,904 10	1,48,254 14 0	829 10 6	3,43,583 9 4	88,704	50,094	138,798

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 6th April 1898.

* Added No. of passengers 436 and Rs. 454 }
† Deducted Mds. 7,247 and „ 102 } On account of difference between the Approximate and Audited figures for the week ended 19th February 1898.
‡ Added „ 6 }

T. BASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore—28-4 98—690.

NO. 18 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MAY 5, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 3rd MAY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharff (Autumn).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 16 seers ... Bájra 25 seers. Gram 25 seers.	Canal crops being reaped. Sowings of extra spring crops finished.	...
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Wheat 13 seers ... Gram 20 seers. Bájra 22½ seers.	Extra spring crops in good condition. Stock sufficient.	...
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 15 seers ... Gram 20 seers. Maize 28 seers.	Threshing continues.	...
4	Jullu[illegible] ...	...	1. Sufficient ...	Wheat 16 seers ... Gram 20 seers. Maize 27 seers. Barley 24 seers.	Crops reaped, threshing in progress. Outturn good. Food-stock sufficient.	...
5	Ferozepore ...	...	1. Sufficient ...	Wheat 16 seers ... Gram 23 seers. Maize 26 seers. Jowár 18 seers. Bájra 26 seers. Barley 30 seers.	Reaping in progress. Food-stock sufficient.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
6	Mooltan ...	...	1. Sufficient ...	Wheat, 2nd quality, 13¾ seers.	Crops being harvested.	...
7	Lahore ...	...	1. Sufficient ...	Wheat 13½ to 16 seers. Maize 26 to 27 seers.	Reaping and threshing of crops going on. Sowings of extra spring crops in progress. Outturn average.	...
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 15½ seers... Maize 27 seers.	Harvesting in progress. Extra spring crops in good condition.	...
9	Siálkot ...	...	1. Sufficient .. 2. Good.	Wheat 14½ to 15½ seers. Rice 10¼ to 11¼ seers.	Harvesting continues. Sowings of extra spring crops nearly finished.	Sowings nearly finished.
10	Shahpur ...	...	1. Scarce in parts.	Wheat 16 to 18 seers. Bájra 20 to 24 seers.	Crops being harvested. Locusts being destroyed.	...
11	Ráwalpindi ...	...	1. Sufficient ...	Wheat 16 seers ... Bájra 23 seers. Maize 27 seers.	Prospects good. Young locusts appeared in parts, but were destroyed.	...
12	Pesháwar ...	...	1. Sufficient ... 2. Good.	Wheat 15 seers .. Maize 28¾ seers.	Condition of standing crops good. Stock sufficient.	Crops being sown in parts.
13	D. I. Khan ...	...	1. Sufficient ... 2. Good.	Wheat 16¼ seers Bájra 27 seers.	Reapings in progress. Condition of standing crops good.	...

GENERAL REMARKS.

Rainfall.—Nil.

Prices—Have fallen slightly in Umballa and Amritsar, risen slightly in Jullundur, Pesháwar and Dera Ismail Khan and remained almost unchanged elsewhere. Wheat selling from 13 to 16¼, gram 20 to 23, bulrush millet 20 to 27, great millet 18, maize 26 to 28¾, barley 24 to 30 seers per rupee.

Agricultural operations.—Reaping and threshing of spring crops in progress. Sowings of certain autumn crops and of extra spring crops going on in some places.

Crops and outturn.—Standing crops good condition. Outturn reported good in Jullundur. Food-stocks sufficient.

Damage done to crops.—Locusts appeared in parts of the Ráwalpindi District, but were destroyed. In Shahpur they are still being destroyed.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder scarce in Shahpur; sufficient elsewhere.

TULSI DAS, *Offg. Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 16TH APRIL 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	3	2	5	13	4	9	...		1	6	...	...	6	1	1	2	15	40	1
2		Hansi ...	15,190	6	4	10	9	6	3	...	...	...	4	...	...	5	1	...	1	34	31	2
3		Bhiwani ...	35,487	5	6	11	17	8	9	..	...	...	4	2	...	11	4	2	6	16	25	3
4		Sirsa ...	16,415	2	4	6	9	4	5	..	...	...	7	...	..	2	3	1	4	19	29	4
5	Rohtak ...	Rohtak ...	16,191	6	6	12	8	4	4	..			4	...		4	3	...	3	39	26	5
6		Jhajjar ...	11,881	2	2	4	10	6	4				5	...		5	1	1	2	18	44	6
7	Gurgaon ...	Rewari ...	27,934	4	4	8	12	8	4	...	..	..	6	2	...	4	2	2	4	15	22	7
8		Palwal ...	11,227	2	2	4	7	5	2		..	...	7	..	...	...	...	...	...	19	33	8
9	Delhi ...	Delhi ...	189,648	52	45	97	145	77	68	...		1	73	4	...	67	25	19	44	27	40	9
10		Sonepat ...	12,611	1	9	10	4	3	1	...	..	...	4	...	...	...	1	1	2	41	17	10
11	Karnal ...	Karnal ...	21,530	7	8	15	21	10	11	...	...	...	11	...	..	10	3	2	5	36	51	11
12		Kaithal ...	15,768	8	6	14	6	2	4	...	...	..	5	...	...	1	1	1	2	45	20	12
13		Panipat ...	27,547	7	2	9	17	11	6	..	...	...	6	...	..	11	2	1	3	17	37	13
14		Shahabad ...	11,473	3	3	6	9	3	6	..	...	...	7	1	...	1	1	1	2	27	41	14
15	Umballa ...	Umballa ...	26,856	5	7	12	18	6	12	...		...	8	...	...	10	1	3	4	23	35	15
16		Jagadhri ...	13,029	2	1	3	12	5	7		...	...	5	...	...	7	1	3	4	12	48	16
17		Sadhaura ...	10,445	2	1	3	6	3	3	...		...	6	...	..	...	...	...	...	15	30	17
18	Hoshiarpur	Hoshiarpur ...	17,546	2	3	5	10	6	4	...	..	1	3	1	...	5	2	...	2	15	30	18
19		Tanda and Urmar	11,632	3	2	5	4	2	2	...	...	...	3	...	..	1	...	1	1	22	18	19
20	Jullundur ...	Jullundur ...	...	Returns not received.																		20
21		Rahon ...	...																			21
22		Kartarpur ...	...																			22
23	Ludhiana ...	Ludhiana ...	46,024	5	9	14	31	15	16	...	...	...	7	5	..	19	4	1	5	16	35	23
24		Jagraon ...	18,116	9	4	13	6	4	2	...	.	...	3	...	...	3	1	1	2	37	17	24
25	Ferozepore ...	Ferozepore ...	25,337	4	2	6	8	3	5			...	3	1	..	4	1	2	3	12	16	25
26	Mooltan ...	Mooltan ...	64,265	10	20	30	22	12	10	...		..	8	...	..	14	3	5	8	22	18	26
27	Jhang ...	Maghiana ...	13,866	3	2	5	10	4	6	...	.	...	1	2	...	7	1	4	5	19	38	27
28		Chiniot ...	13,476	3	2	5	7	5	2	...	...	...	...	...	...	7	2	1	3	19	27	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	42	37	79	76	35	41	...	...	...	42	6	1	27	10	9	19	26	25	29
30		Kasur ...	20,290	3	1	4	4	1	3	...	...	...	3	...	...	1	...	1	1	10	10	30
31		Chunian ...	10,339	5	1	6	9	5	4	...	...	...	4	...	...	5	2	...	2	30	45	31
32	Amritsar ...	Amritsar ...	135,401	39	34	73	90	45	45	...	...	1	42	3	...	44	10	9	19	28	35	32
33	Gurdaspur ...	Batala ...	27,223	6	7	13	15	8	7	...	...	2	8	...	...	5	1	1	2	25	29	33
34	Sialkot ...	Sialkot ...	33,965	13	15	28	20	7	13	...	...	1	6	1	...	12	2	6	8	43	31	34
35	Gujrat ...	Gujrat ...	17,671	9	1	10	15	7	8	...	...	...	7	...	...	8	3	1	4	30	44	35
36		Jalalpur ...	11,065	6	3	9	6	2	4	...	...	...	1	...	...	5	1	1	2	42	28	36
37	Gujranwala...	Gujranwala ...	25,892	6	2	8	12	8	4	...	...	...	9	...	...	3	2	1	3	16	24	37
38		Wazirabad ...	15,786	5	3	8	9	6	3	...	...	...	5	1	...	3	2	1	3	26	30	38
39	Shahpur ...	Bhera ...	17,428	7	5	12	8	7	1	...	...	...	2	...	1	5	4	...	4	36	24	39
40	Jhelum ...	Pind Dadan Khan	15,055	7	1	8	17	8	9	...	...	...	9	4	...	4	1	1	2	28	59	40
41	Rawalpindi ...	Rawalpindi ...	38,334	8	6	14	25	17	8	...	...	...	16	1	...	8	3	2	5	19	34	41
42	Peshawar ...	Peshawar ...	63,079	16	18	34	28	17	11	...	...	...	16	1	...	11	...	3	3	28	23	42
43	Kohat ...	Kohat ...	14,347	3	1	4	3	2	1				2	1	...	...	...	...	...	15	11	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	8	4	12	24	15	9	...	...	...	12	1	...	11	4	...	4	29	58	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	4	7	11	3	2	1	...	...	...	2	1	...	...	...	1	1	24	7	45
	Grand Total	...	1,341,292	343	302	645	785	408	377	...	...	7	382	38	2	356	109	90	199	28	31	
	Hill Sanitaria.																					
	Simla ...	... ...							Return not received.													
	Dharmsala	... ...	2,778	...	...	...	1	...	1	...	...	...	...	...	...	1	...	...	...	...	19	
	Dalhousie ...	... ...	807	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	65	...	
	Murree ...	... ...	1,459	...	...	...	1	...	1	...	...	...	...	...	...	1	...	...	...	...	36	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 3rd May 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 16TH APRIL 1898.

Births and Deaths in Municipal Towns.—In the 42 large Municipal towns 645 births were registered (343 males and 302 females), giving a birth-rate of 25 per *mille* of population; 785 deaths were registered (408 males and 377 females), giving a death-rate of 31 per *mille* of population. [One hundred and ten deaths were registered from Plague in the Jullundur District and 27 in the Hoshiárpur District during the week.]

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 3rd May 1898.

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the ***month*** *of March* 1898 *as compared with the same month of the previous year.*

	STAPLES.	Total 1898.	Total 1897.	Increase.	Decrease.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
I	COAL AND COKE CARRIED FOR THE PUBLIC AND FOREIGN RAILWAYS	5,083	2,079	3,004	...	
II	COTTON, RAW—					
	(1) Full pressed	6,721	9,847	...	3,126	
	(2) Intermediate and half pressed ...	15	100	...	85	
	(3) Unpressed	1,266	1,633	...	367	
III	COTTON, MANUFACTURED—					
	(1) Twist and Yarn, European ...	1,093	118	980	...	
	(2) Twist and Yarn, Indian ...	435	738	...	303	
	(3) Piece-goods, European ...	1,249	869	380	...	
	(4) Piece-goods, Indian	1,544	1,192	352	...	
IV	DRUGS AND CHEMICALS—					
	(1) Intoxicating other than opium ...	7	10	...	3	
	(2) Non-intoxicating—					
	(a) Cinchona bark	...	81	...	81	
	(b) Others	35	8	27	...	
V	DYES AND TANS—					
	(1) Indigo	28	442	...	414	
	(2) Myrabolams	25	7	18	...	
	(3) Cutch	18	4	14	...	
	(4) Turmeric	99	181	...	82	
	(5) Aniline dyes	96	51	45	...	
	(6) Others	211	267	...	56	
VI	GRAIN AND PULSE—					
	(1) Wheat	7,671	5,843	1,828	...	
	(2) Rice in the husk	1,505	677	828	...	
	(3) Rice not in the husk	7,014	6,038	976	...	
	(4) Jowár and Bájra	10,674	7,738	2,936	...	
	(5) Gram and Pulse	3,408	3,508	...	100	
	(6) Others	5,295	8,232	...	2,937	
VII	HIDES AND SKINS—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	121	85	36	...	
	(b) Raw	183	197	...	14	
	(2) Skins of sheep, &c.—					
	(a) Dressed or tanned ...	75	84	...	9	
	(b) Raw	180	192	...	12	
VIII	HORNS	15	3	12	...	
IX	JUTE—					
	(1) Raw	67	348	...	281	
	(2) Gunny bags and cloth	1,565	1,678	...	113	
X	LAC—					
	(1) Stick	28	11	17	...	
	(2) Shell	5	2	3	...	
XI	LEATHER, MANUFACTURED	30	33	...	3	
XII	LIQUORS—					
	(1) Beer	126	179	...	53	
	(2) Spirits	1	...	1	...	
	(3) Wines	46	60	...	14	
XIII	METALS—					
	(1) Copper, unwrought	61	38	23	...	
	(2) Brass, unwrought	235	149	86	...	
	(3) Copper, wrought	45	47	...	2	
	(4) Brass, wrought	157	87	70	...	
	(5) Iron	1,896	1,815	81	...	
	(6) Others	167	95	72	...	
XIV	OILS—					
	(1) Kerosene	523	388	135	...	
	(2) Castor	28	45	...	17	
	(3) Cocoanut	25	43	...	18	
	(4) Others	154	204	...	50	

	Staples.	Total 1898.	Total 1897.	Increase.	Decrease.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
XV	Oil-seeds—					
	(1) Linseed	909	215	694	...	
	(2) Rape and Mustard	4,539	676	3,863	...	
	(3) Til or Jinjili	1,668	618	1,050	...	
	(4) Poppy	141	143	...	2	
	(5) Earthnuts	1	55	...	54	
	(6) Castor	674	139	535	...	
	(7) Others	1,808	2,696	...	888	
XVI	Opium	104	439	...	335	
XVII	Paper and Paste-board	95	72	23	...	
XVIII	Provisions—					
	(1) Ghi	503	427	76	...	
	(2) Dried Fruits and Nuts ...	666	830	...	164	
	(3) Others	5,888	3,136	2,752	...	
XIX	Railway Plant and Rolling Stock carried for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders and parts thereof	221	638	...	417	
	(2) Carriages and trucks and parts thereof	181	35	146	...	
	(3) Materials—					
	(a) Steel rails and fish-plates ...	121	1,138	...	1,017	
	(b) Sleepers and keys of steel and cast-iron	213	914	...	701	
	(c) Other sorts	2,231	4,002	...	1,771	
XX	Salt	17,558	21,050	...	3,492	
XXI	Saltpetre, &c.—					
	(1) Saltpetre	620	2,032	...	1,412	
	(2) Other saline substances ...	78	39	39	...	
XXII	Silk, Raw—					
	(1) Foreign	18	17	1	...	
	(2) Indian	...	...	...	...	
XXIII	Silk Piece-Goods—					
	(1) Foreign	...	1	...	1	
	(2) Indian	...	...	...	...	
XXIV	Spices—					
	(1) Betelnuts	35	49	...	14	
	(2) Pepper	28	29	...	1	
	(3) Ginger	11	6	5	...	
	(4) Chillies	532	216	316	...	
	(5) Cardamoms	197	2	195	...	
	(6) Others	114	245	...	131	
XXV	Stone and Lime	1,795	2,499	...	704	
XXVI	Sugar—					
	(1) Refined or crystallized, including sugarcandy.	8,605	6,696	1,909	...	
	(2) Unrefined, *viz.*, molasses and jaggery or gur and other saccharine produce.	19,499	11,419	8,080	...	
XXVII	Tea—					
	(1) Foreign	7	28	...	21	
	(2) Indian	151	47	104	...	
XXVIII	Timber	2,361	3,739	...	1,378	
XXIX	Tobacco—					
	(1) Unmanufactured	837	778	59	...	
	(2) Manufactured—					
	(a) Cigars	104	28	76	...	
	(b) Other sorts	75	39	36	...	
XXX	Wool, Raw	465	105	360	...	
XXXI	Wool, Manufactured—					
	(1) Piece-goods, European ...	...	470	...	470	
	(2) Piece-goods, Indian	2	15	...	13	
	(3) Shawls	...	...	...	...	
XXXII	All other articles of merchandise—					
	(1) Firewood	2,786	1,160	1,626	...	
	(2) Hay and Grass	231	33	198	...	
	(3) Mowra flowers and seeds ...	139	312	...	173	
	(4) Others	15,281	9,837	5,444	...	
	Total ...	150,722	132,510	39,511	21,299	
	Net Increase ...	...	...	18,212	...	

Traffic Audit Office,
Ajmere:
The 23rd April 1898.

R. A. ENGLISH,

Chief Auditor and Accountant.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 16th April 1898, on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other Earnings (estimated).	Total Earnings.	Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	18,100	17,530 5 0	75,805 10	11,652 11 0	62 0 0	29,245 0 0	9,529	4,899	14,428
Or per mile of Railway	...	108 0 10	...	71 13 2	0 6 1	180 4 1	...	...	...
For previous 14$\frac{1}{7}$ weeks of half-year	*471,891	*3,07,049 2 0	†1,509,093 20	†2,25,241 7 0	‡1,236 0 0	5,33,526 9 0	107,400	67,536	174,936
Total for 15$\frac{1}{7}$ weeks ...	489,991	3,24,579 7 0	1,584,898 30	2,36,894 2 0	1,298 0 0	5,62,771 9 0	116,929	72,435	189,364
COMPARISON.									
Total for corresponding week of previous year ...	18,012	16,833 13 5	59,796 10	10,328 8 0	59 11 3	27,222 0 8	6,755	3,741	10,496
Per mile of Railway corresponding week of previous year.	...	104 14 6	...	64 5 10	0 5 11	169 10 3	...	...	...
Total for corresponding 15$\frac{2}{7}$ weeks of previous year ...	260,271	2,31,948 13 5	1,375,788 20	1,69,657 10 0	973 10 0	4,02,580 1 5	102,634	58,013	160,647

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 21st April 1898.

* Added No. of passengers 2,659 and Rs. 3,055 }
† Deducted Mds, 1,867 and „ 4,403 } On account of difference between the Approximate and Audited figures for the weeks ended 26th February and 5th March 1898.
‡ Ditto „ 53 }

T. BASHFORD,
Acting Chief Auditor.

No. 19 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MAY 12, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 10th MAY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 15 seers ... Gram 24 seers. Bájra 25 seers.	Crops being harvested. Extra spring crops in fair condition.	...
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Wheat 12 seers ... Gram 20 seers. Bájra 22 seers.	...	...
3	Umballa ...	0·18 at Sadr.	1. Sufficient ... 2. Good.	Wheat 15 seers ... Gram 20 seers. Maize 28 seers.	Threshing of spring crops completed. Extra spring in good condition.	...
4	Jullundur ...	...	1. Sufficient ...	Wheat 16 seers ... Gram 21 seers. Maize 27 seers. Barley 24 seers.	Threshing of spring crops in progress. Outturn good. Stock of food-grain sufficient.	...
5	Ferozepore ...	...	1. Sufficient ...	Wheat 15 seers ... Gram 22 seers. Maize 26 seers. Bájra 26 seers. Jowár 18 seers. Barley 30 seers.	Stocks of food-grain sufficient. Reapings in progress.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
6	Mooltan ...	...	1. Sufficient ...	Wheat, 2nd quality, 14½ seers.	Spring crops being harvested ...	Canals flowing.
7	Lahore ...	...	1. Sufficient ...	Wheat 14 to 16 seers. Maize 26 to 27 seers.	Threshing operations in progress. Extra spring crops being irrigated; yield average.	Land being prepared for autumn sowings.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 15 seers ... Maize 26 seers.	Crops harvested. Extra spring crops in good condition. Food-stock sufficient.	—
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 15 to 16 seers. Rice 10¼ to 11¼ seers.	Threshing commenced ...	Sowings of kharif crops continue.
10	Shahpur ...	...	1. Scarce in parts.	Wheat 17 to 18 seers. Bájra 20 to 24 seers.	Wheat being harvested ...	—
11	Ráwalpindi ...	...	1. Sufficient ...	Wheat 15 seers ... Bájra 23 seers. Maize 27 seers.	Crops being cut. Produce average. Locusts appeared in parts and are being destroyed. Food-stock sufficient.	—
12	Peshâwar ...	...	1. Sufficient ... 2. Good.	Wheat 14½ seers ... Maize $27\frac{5}{16}$ seers.	Matured crops slightly damaged by high winds. Condition of crops generally good. Stock of food-grain sufficient.	Kharif crops being sown in parts.
13	D. I. Khan ...	...	1. Sufficient ... 2. Good.	Wheat 17½ seers Bájra 27½ seers.	Condition of standing extra spring crops good. Threshing and harvesting of crops going on. Outturn average.	Condition of cotton crop good.

GENERAL REMARKS.

Rainfall.—Rain about ⅛ of an inch reported in Sadr Station Umballa.

Prices—Have fallen in Mooltan, Siálkot and Dera Ismail Khan, risen in Hissar, Delhi, Ferozepore, Amritsar, Ráwalpindi and Peshâwar, and remained unchanged elsewhere. Wheat selling from 12 to 18, gram 20 to 24, bulrush millet 20 to 27½, great millet 18, maize 26 to 28, barley 24 to 30 and rice 10¼ to 11¼ seers per rupee.

Agricultural operations.—Threshing and harvesting of spring crops continue in some places. Autumn crop sowings commenced. Canals flowing in Mooltan.

Crops and outturn.—Standing crops in good condition. Outturn generally reported good to average. Food stocks sufficient.

Damage done to crops.—Locusts appeared in parts of Ráwalpindi and are being destroyed. No damage reported. Matured crops are said to have been slightly injured by high winds in Peshâwar.

Agricultural stock.—Condition of cattle fair in Delhi; good elsewhere.

Pasturage.—Fodder scarce in parts of Shahpur; sufficient elsewhere.

TULSI DAS, *Offg. Supdt.,*

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 23RD APRIL 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	4	5	9	10	5	5		...	...	2	...	...	8	2	2	4	28	31	1
2		Hansi ...	15,190	4	5	9	11	5	6	...	...	...	7	1	...	3	...	2	2	31	38	2
3		Bhiwani ...	35,487	6	5	11	17	4	13	...	...	...	11	...	...	6	...	3	3	16	25	3
4		Sirsa ...	16,415	2	3	5	4	2	2	...	...	...	1	...	...	3	1	...	1	16	13	4
5	Rohtak ...	Rohtak ...	16,191	5	4	9	7	5	2	...		...	6	...		1	1	1	2	29	23	5
6		Jhajjar ...	11,881	...	1	1	8	3	5	..		..	2	...		6	...	1	1	4	35	6
7	Gurgaon ...	Rewari ...	27,934	5	3	8	14	5	9	...	...	...	6	1	...	7	2	3	5	15	26	7
8		Palwal ...	11,227	2	2	4	8	2	6	..	...	...	6	..	2	...	1	...	1	19	37	8
9	Delhi ...	Delhi ...	189,648	48	33	81	130	74	56	...	..	2	64	6	...	58	26	19	45	22	36	9
10		Sonepat ...	12,611	8	6	14	6	5	1	...	...	...	5	1	...	...	1	...	1	58	25	10
11	Karnal ...	Karnal ...	21,530	7	5	12	18	11	7	...	...	...	8	1	1	8	4	1	5	29	44	11
12		Kaithal ...	15,768	7	5	1[illegible]	8	5	3	...	...	2	6	...	...	...	...	1	1	40	26	12
13		Panipat ...	27,547	5	4	9	18	6	12	...	...	...	8	...	...	10	...	3	3	17	34	13
14		Shahabad ...	11,473	2	3	5	9	7	2	...	...	...	5	...	...	4	1	...	1	23	41	14
15	Umballa ...	Umballa ...	26,856	6	6	12	17	9	8	...	...	...	5	...	...	12	5	3	8	23	33	15
16		Jagadhri ...	13,029	2	...	2	5	4	1	.	...	...	5	...	...	...	2	...	2	8	20	16
17		Sadhaura ...	10,445	2	1	3	19	11	8	...		...	7	...	..	12	2	1	3	15	95	17
18	Hoshiarpur	Hoshiarpur ...	...	Returns not received.																		18
19		Tanda and Urmar	...																			19
20	Jullundur ...	Jullundur ...	50,375	13	17	30	43	17	26	...	...	1	20	2	..	20	6	11	17	31	45	20
21		Rahon ...	10,667	2	6	8	5	2	3	...	...	...	1	...	...	4	...	1	1	3[illegible]	24	21
22		Kartarpur ...	10,441	1	...	1	7	5	2	...	...	...	6	...	...	1	...	...	...	5	35	22
23	Ludhiana ...	Ludhiana ...	46,024	11	9	20	30	21	9	...	...	...	11	3	...	16	1	...	1	23	34	23
24		Jagraon ...	18,116	7	7	14	8	4	4	...	..	...	5	...	...	3	3	1	4	40	23	24
25	Feroze[illegible]e ...	Ferozepore ...	25,337	5	...	5	10	6	4	..	...	...	4	2	...	4	1	1	2	10	21	25
26	Mooltan ...	Mooltan ...	64,265	21	13	34	30	18	12	...		...	14	2	...	14	6	4	10	20	24	26
27	Jhang ...	Maghiana ...	13,866	7	3	10	5	2	3	...	...	...	1	...	...	4	...	1	1	38	19	27
28		Chiniot ...	13,476	7	10	17	13	5	8	...	...	...	...	2	...	11	1	1	2	66	50	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
29	Lahore ...	Lahore ...	159,597	37	31	68	78	47	31	..	...	...	44	...	...	34	14	8	22	22	[illegible]
30		Kasur ...	20,290	4	6	10	10	5	5	..	...	1	5	1	...	3	1	2	3	26	[illegible]
31		Chunian ...	10,339	5	2	7	12	9	3	..	...	...	3	1	...	8	4	...	4	35	[illegible]
32	Amritsar ...	Amritsar ...	135,401	35	32	67	98	55	43	..	...	...	43	5	...	50	11	4	15	26	[illegible]
33	Gurdaspur ...	Batala ...	27,223	8	6	14	15	7	8	..	...	1	10	...	1	3	...	1	1	27	[illegible]
34	Sialkot ...	Sialkot ...	33,965	9	7	16	32	18	14	..	...	1	12	...	...	19	4	1	5	25	[illegible]
35	Gujrat ...	Gujrat ...	17,671	6	3	9	7	4	3	..	...	...	2	...	...	5	...	...	...	27	[illegible]
36		Jalalpur ...	11,065	4	1	5	9	3	6	..	...	...	1	1	...	7	...	2	2	24	41
37	Gujranwala ...	Gujranwala ...	25,892	4	2	6	9	3	6	..	...	...	4	...	...	5	3	2	5	12	[illegible]
38		Wazirabad ...	15,786	3	5	8	7	3	4	..	...	..	4	1	...	2	1	...	1	26	[illegible]
39	Shahpur ...	Bhera ...	17,428	4	6	10	8	7	1	..	...	...	5	1	...	2	1	...	1	30	24
40	Jhelum ...	Pind Dadan Khan	15,055	6	3	9	4	2	2	..	...	...	3	...	...	1	...	...	...	31	[illegible]
41	Rawalpindi ...	Rawalpindi ...	38,334	9	11	20	28	16	12	..	...	...	17	1	...	10	2	4	6	27	[illegible]
42	Peshawar ...	Peshawar ...	63,079	18	17	35	30	15	15	..	...	...	16	3	1	10	3	2	5	29	[illegible]
43	Kohat ...	Kohat ...	14,347	3	4	7	7	3	4				6	...	...	1	1	1	2	25	[illegible]
44	D. I. Khan ...	Dera Ismail Khan	21,573	10	3	13	20	10	10	...	...	...	12	2	...	6	6	5	11	31	45
45	D. G. Khan ...	Dera Ghazi Khan	23,899	2	2	4	13	6	7	...	...	...	8	2	...	3	2	...	2	9	[illegible]
	Grand Total ...		1,383,597	356	297	653	847	456	391	..	...	8	411	39	5	384	119	92	211	25	32
	Hill Sanitaria.																				
	Simla		13,279	4	3	7	5	4	1	..	...	...	3	...	...	2	2	...	2	27	20
	Dharmsala		2,778	1	2	3	4	3	1	...	...	...	1	...	...	3	2	..	2	56	75
	Dalhousie		807	1	...	1	1	1	...	..	...	...	...	...	...	1	...	...	...	65	65
	Murree		1,459	2	1	3	2	...	2	...	...	...	...	...	...	2	...	2	2	107	71

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Cen[illegible] of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 10th May 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 23RD APRIL 1898.

Births and Deaths in Municipal Towns.—In the 43 large Municipal towns 653 births were registered (356 males and 297 females), giving a birth-rate of 25 per *mille* of population; 847 deaths were registered (456 males and 391 females), giving a death-rate of 32 per *mille* of population. [One hundred and twenty-four deaths were registered from Plague in the Jullundur District and 11 in the Hoshiárpur District during the week.]

W. A. CRAWFORD ROE, F. R C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 10th May 1898.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICT

1	2			3			4			5		
	QUANTITIES PER RUPEE BY THE											
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	15	14	10	34	34	12	...	...	...	10	10	[illegible]
Rohtak ...	17	15	10	26	23	13	...	...	...	10	10	[illegible]
Gurgaon ...	16	15	11	27	27	14	...	...	...	7	8	[illegible]
Delhi ...	13	13	11	25	24	13	...	...	...	10	10	[illegible]
Karnál ...	15	14	12	24	24	14	...	...	...	12	12	[illegible]
Umballa ...	15	15	11	22	21	11	...	...	...	10	10	[illegible]
Simla ...	11	10	8	16	17	8	...	...	...	8	9	[illegible]
Kángra ...	14	14	10	20	20	12	...	...	...	10	10	[illegible]
Hoshiárpur ...	17	17	13	23	21	18	...	...	...	10	10	[illegible]
Jullundur ...	16	16	13	24	24	16	...	...	...	9	8	[illegible]
Ludhiána ...	15	16	13	26	23	17	...	...	...	8	8	[illegible]
Ferozepore ...	13	15	11	26	26	14	...	...	...	6	7	[illegible]
Mooltan ...	12	12	10	21	21	15	...	...	...	14	14	[illegible]
Jhang ...	17	16	11	27	26	16	...	...	...	9	12	[illegible]
Montgomery...	15	15	11	20	20	‡	...	...	...	10	10	[illegible]
Lahore ...	14	15	11	25	30	‡	...	...	...	10	10	[illegible]
Amritsar ...	13	15	11	25	26	15	...	...	...	9	9	[illegible]
Gurdáspur ...	16	17	13	28	30	18	...	...	...	10	10	[illegible]
Siálkot ...	15	15	11	25	25	14	...	...	...	11	11	[illegible]
Gujrát ...	16	16	10	20	18	15	...	...	...	9	9	[illegible]
Gujránwála ...	16	17	11	29	32	18	...	...	...	11	11	[illegible]
Shahpur ...	17	16	13	30	28	18	...	...	...	7	7	6
Jhelum ...	16	16	11	27	26	17	...	...	...	10	10	8
Ráwalpindi ...	16	16	10	34	37	12	...	...	...	8	8	6
Hazára ...	15	15	7	24	25	10	...	...	...	9	9	7
Peshâwar ...	15	15	8	25	37	13	...	...	...	8	8	7
Kohát ...	18	17	9	27	29	16	...	...	...	12	11	9
Bannu (a) ...	...	24	6	...	30	15	...	...	...	...	12	8
D. I. Khan ...	16	16	9	24	23	16	...	...	...	7	7	6
D. G. Khan ...	14	13	12	23	25	15	...	...	...	14	13	7
Muzaffargarh	15	14	12	23	24	16	...	...	...	13	12	9

† Not pro
‡ Not sold.
§ Not pro
(a) Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 30TH APRIL 1898.

6			7			1	
ORDINARY SEER OF 80 TOLAS.							
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*				
Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
24	23	11	24	23	10	Hissar.	
22	22	10	22	22	8	Rohtak.	
25	20	11	24	24	9	Gurgaon.	
22	22	10	23	23	9	Delhi.	
20	23	8	19	20	8	Karnál.	
25	25	10	22	22	9	Umballa.	
19	19	8	16	16	7	Simla.	
†	†	§	†	†	§	Kángra.	
18	17	8	16	16	8	Hoshiárpur.	
20	20	§	19	19	8	Jullundur.	
20	21	9	21	21	8	Ludhiána.	
20	25	10	26	27	9	Ferozepore.	
17	16	9	21	21	10	Mooltan.	
28	27	7	22	22	9	Jhang.	
20	‡	§	‡	‡	§	Montgomery.	
17	18	10	17	17	8	Lahore.	
17	18	7	16	17	8	Amritsar.	
20	20	12	11	11	10	Gurdáspur.	
23	18	9	18	18	§	Siálkot.	
16	17	8	16	13	8	Gujrát.	
18	20	10	17	17	10	Gujránwála.	
16	16	10	18	18	10	Shahpur.	
20	20	12	23	23	10	Jhelum.	
26	26	11	22	20	10	Ráwalpindi.	
§	§	§	16	16	§	Hazára.	
21	24	10	19	18	8	Pesháwar.	
§	§	†	28	26	10	Kohát.	
...	41	8	...	40	5	Bannu. (*a*)	
33	33	11	27	26	10	D. I. Khan.	
23	23	10	23	23	11	D. G. Khan.	
16	18	9	18	18	9	Muzaffargarh.	

duced.

earable.
not received.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

1	8			9			10			11		
	QUANTITIES PER RUPEE BY											
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	25	26	11	†	†	10
Rohtak ...	†	†	†	10	10	10	22	21	10	18	18	10
Gurgaon ...	†	†	†	†	†	†	20	16	11	16	16	11
Delhi ...	†	†	†	13	13	8	20	21	10	22	21	10
Karnál ...	24	24	10	8	8	8	20	20	10	20	25	8
Umballa ...	§	§	12	16	16	10	20	20	11	28	27	11
Simla ...	14	14	§	8	8	8	15	12	9	19	19	10
Kángra ...	§	§	‡	‡	‡	§	14	13	11	23	19	11
Hoshiárpur ...	21	20	§	12	13	9	21	18	13	26	28	15
Jallundur ...	§	§	§	16	16	13	21	19	13	27	28	13
Ludhiána ...	†	†	§	15	15	10	28	21	12	28	28	12
Ferozepore ...	†	†	†	18	17	6	21	20	12	26	25	10
Mooltan ...	†	†	†	12	12	7	19	16	11	18	18	9
Jhang ...	17	24	8	20	28	8	19	16	12	26	27	9
Montgomery ...	‡	‡	§	‡	‡	†	19	19	13	‡	‡	‡
Lahore ...	§	§	§	21	20	5	20	20	12	26	23	‡
Amritsar ...	†	†	†	17	17	5	20	20	12	26	26	‡
Gurdáspur ...	§	§	14	12	12	10	21	22	13	25	25	14
Siálkot ...	§	§	§	§	§	§	20	19	12	24	21	11
Gujrát ...	†	†	†	6	7	§	17	18	11	20	20	9
Gujránwála ...	†	†	†	16	16	7	21	20	13	20	20	10
Shahpur ...	20	20	8	20	20	8	26	20	15	16	16	10
Jhelum ...	‡	‡	‡	‡	‡	‡	19	20	13	23	23	[illegible]
Ráwalpindi ...	‡	‡	‡	12	12	10	18	18	10	27	27	10
Hazára ...	†	†	†	§	§	§	13	13	9	21	20	8
Pesháwar ...	†	†	†	18	20	6	16	16	10	27	26	9
Kohát ...	†	†	†	§	§	§	21	20	12	27	[illegible]	11
Bannu (a) ...	...	13	8	...	7	8	...	28	15	...	48	10
D. I. Khan ...	§	§	§	§	4	4	25	19	15	31	31	10
D. G. Khan ...	§	§	§	§	§	§	15	15	11	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	17	14	11	§	§	§

† Not pro
‡ Not sold.
§ Not pro
(a) Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 30TH APRIL 1898—continued.

12			13			1	
THE ORDINARY SEER OF 80 TOLAS.							
Arhur or Thur, Cadjan Pea (Cajanus Indicus).			*Firewood.*				
Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
†	†	†	120	100	100	Hissar.	*Firewood.*—Prices average 117 seers as compared with 116 seers in last fortnight and 123 seers in corresponding period of 1897. The chief variations in each Division are—
10	10	10	100	100	120	Rohtak.	
16	13	11	140	140	140	Gurgaon.	
17	15	12	90	90	100	Delhi.	
16	13	8	160	160	160	Karnál.	
§	§	§	140	140	150	Umballa.	
7	7	7	80	80	80	Simla.	
12	12	10	100	100	100	Kángra.	
8	8	8	110	110	130	Hoshiárpur.	
§	§	§	100	100	100	Jullundur.	
9	9	7	100	101	110	Ludhiána.	
7	7	6	90	120	120	Ferozepore.	
†	†	†	100	100	110	Mooltan.	
8	8	7	160	160	160	Jhang.	
‡	‡	6	260	260	310	Montgomery.	
9	9	7	89	98	105	Lahore.	
§	§	†	100	100	110	Amritsar.	
§	§	§	100	100	120	Gurdáspur.	
§	§	§	120	120	130	Siálkot.	
†	†	†	140	140	110	Gujrát.	
‡	‡	†	95	115	95	Gujránwála.	
†	†	†	160	160	160	Shahpur.	
‡	‡	‡	120	120	120	Jhelum.	
‡	‡	‡	65	65	85	Ráwalpindi.	
†	†	†	100	100	81	Hazára.	
13	14	13	56	57	83	Peshávar.	
†	†	†	102	102	128	Kohát.	
...	5	7	...	70	74	Bannu. (*a*)	
7	6	4	125	125	125	D. I. Khan.	
§	§	§	100	100	100	D. G. Khan.	
7	5	§	140	140	140	Muzaffargarh.	

Firewood — chief variations in each Division:

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Seers.	Seers.	Seers.
Hissar ...	100	100	120
Ferozepore ...	120	120	90
Montgomery ...	310	260	260
Gujrát ...	110	140	140
Peshávar ...	83	57	56

duced.

curable.

not received.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICTS

1	14					
	QUANTITIES PER RUPEE					
	Salt.					
Districts.	Present fortnight ending 30th April 1898.		Past fortnight ending 15th April 1898.		Corresponding fortnight of 1897.	
	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 4	11 0	11 4	11 0	11 4	11 [illegible]
Rohtak	11 0	11 0	11 0	11 0	11 0	11 [illegible]
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 [illegible]
Delhi	12 4	12 0	12 4	12 0	12 0	11 [illegible]
Karnál	11 0	10 8	11 0	10 8	11 0	10 [illegible]
Umballa	13 0	12 12	13 0	12 12	12 13	12 [illegible]
Simla	9 0	8 8	9 0	8 8	10 0	9 [illegible]
Kángra	*	10 8	*	10 0	*	11 [illegible]
Hoshiárpur	13 0	12 0	13 0	12 12	13 0	12 [illegible]
Jullundur	13 4	13 0	13 4	13 0	13 4	[illegible]
Ludhiána	13 0	12 0	13 4	12 8	13 0	13 [illegible]
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 [illegible]
Mooltan	12 4	12 4	12 4	12 4	13 0	12 [illegible]
Jhang	12 4	12 0	12 4	12 0	12 8	11 [illegible]
Montgomery	12 12	12 8	12 12	12 8	12 12	12 [illegible]
Lahore	13 10	13 2	13 10	13 2	13 8	12 [illegible]
Amritsar	13 0	12 0	13 0	12 0	13 0	12 [illegible]
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 [illegible]
Siálkot	14 0	13 12	14 0	13 12	14 0	13 [illegible]
Gujrát	*	14 0	*	14 0	*	14 [illegible]
Gujránwála	14 0	14 0	14 8	14 0	14 0	13 [illegible]
Shahpur	13 8	13 0	13 8	13 0	13 8	13 [illegible]
Jhelum	14 0	14 0	14 0	14 0	14 0	14 [illegible]
Ráwalpindi	14 0	13 12	14 0	13 12	13 14	13 [illegible]
Hazára	*	11 8	*	11 8	*	11 [illegible]
Peshávar	17 0	16 0	20 0	19 0	18 0	17 [illegible]
Kohát	19 2	16 10	25 8	21 8	22 6	19 [illegible]
Bannu (a)	...	...	22 8	20 0	21 0	20 [illegible]
D. I. Khan	14 5	14 4	13 12	13 6	16 4	15 8
D. G. Khan	15 11	15 11	13 12	11 14	14 2	13 [illegible]
Muzaffargarh	*	11 8	*	12 0	12 0	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro
(a) Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 30TH APRIL 1898—concluded.

15			16			1
THE ORDINARY SEER OF 80 TOLAS.						
Gur.			*Cotton (unginned).*			
Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
10 0	10 0	10 0	7 8	7 8	7 8	Hissar.
12 0	12 0	12 0	10 0	10 0	8 0	Rohtak.
11 0	10 8	11 0	9 0	9 0	9 0	Gurgaon.
9 0	9 0	8 8	9 8	9 8	9 0	Delhi.
12 0	11 0	11 0	11 0	11 0	10 0	Karnál.
9 8	9 8	10 0	10 0	10 0	9 0	Umballa.
6 8	6 8	7 0	†	†	†	Simla.
7 0	7 0	7 0	6 0	6 0	6 0	Kángra.
8 0	8 0	9 0	9 0	10 0	8 0	Hoshiárpur.
9 0	9 0	9 8	11 0	11 0	9 8	Jullundur.
7 8	7 8	7 8	8 0	8 0	7 8	Ludhiána.
7 12	7 12	8 12	8 12	8 12	8 0	Ferozepore.
9 0	9 0	7 12	9 0	9 0	8 0	Mooltan.
8 8	8 8	8 0	11 0	10 8	8 8	Jhang.
8 10	8 10	8 0	10 0	10 0	9 0	Montgomery.
8 2	8 8	8 8	9 6	9 0	7 12	Lahore.
8 8	8 8	9 0	9 4	9 4	8 4	Amritsar.
9 0	9 0	9 8	9 0	9 0	8 0	Gurdáspur.
8 8	8 4	9 8	8 0	8 8	8 0	Siálkot.
8 0	8 0	9 0	9 0	9 0	9 0	Gujrát.
8 4	9 0	9 0	10 0	10 0	9 0	Gujránwála.
8 8	8 8	8 8	9 0	9 0	10 0	Shahpur.
8 4	8 8	9 12	‡	‡	‡	Jhelum.
8 4	8 4	9 4	8 12	8 12	8 12	Ráwalpindi.
7 4	7 8	7 2	§	§	§	Hazára.
6 6	7 0	7 11	9 2	9 2	9 10	Pesháwar.
7 8	7 11	8 6	11 8	11 8	11 8	Kohát.
...	13 2	11 8	...	8 12	10 0	Bannu. (*a*)
8 2	8 2	9 1	‡	‡	10 0	D. I. Khan.
6 14	6 10	6 14	11 4	10 15	§	D. G. Khan.
7 8	7 8	9 0	10 0	10 0	8 0	Muzaffargarh.

sale salt sold.
duced.

curable.
not received.

REMARKS ON CURRENT VARIATIONS.

Lahori Salt.—Prices average 12 seers 5 chatáks as compared with 12 seers 6 chatáks in last fortnight and 12 seers 5 chatáks in corresponding period of 1897. The chief variations in each Division are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Umballa ...	12 0	12 12	12 12
Ludhiána ...	13 0	12 8	12 0
Mooltan ...	12 8	12 4	12 0
Gujránwála ...	13 12	14 0	14 0

Kohát Salt.—Prices average 15 seers 10 chatáks as compared with 17 seers 2 chatáks in last fortnight and 17 seers 1 chaták in corresponding period of 1897. The following are the chief variations—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Pesháwar ...	19 12	21 8	16 10
D. G. Khan ...	13 2	11 14	15 11

Gur.—Prices average 8 seers 9 chatáks as compared with 8 seers 11 chatáks in last fortnight and 9 seers in corresponding period of 1897. The chief variations in each Division are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Karnál ...	11 0	11 0	12 0
Ferozepore ...	8 12	7 12	7 12
Mooltan ...	7 12	9 0	9 0
Jhelum ...	9 12	8 8	8 4
Pesháwar ...	7 11	7 0	6 6
D. I. Khan ...	9 1	8 2	8 2

Cotton (unginned).—Prices average 9 seers 3 chatáks as compared with 9 seers 6 chatáks in last fortnight and 8 seers 11 chatáks in corresponding period of 1897. The chief variations in each Division are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Rohtak ...	8 0	10 0	10 0
Jullundur ...	9 8	11 0	11
Jhang ...	8 8	10 8	11 0
Gujránwála ...	10 0	9 0	9 0
Pesháwar ...	9 10	9 2	9 2
Muzaffargarh	8 0	10 0	10 0

GOVIND RAM, *Offg. Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUA[illegible]

1	2	3	4	5	6	7	8	9	10	11	12
	WHOLESALE PRICE PER MAUND OF 82[illegible]										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	[illegible]
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. [illegible]
Delhi	2 8 0	3 10 2	2 10 8	1 9 1	1 13 1	1 11 10	1 11 10	2 0 0	3 5 4	4 7 1	3 [illegible]
Ferozepore ...	2 0 0	6 10 8	2 15 5	1 8 7	2 0 0	1 8 7	1 8 7	1 14 6	5 11 5	4 0 0	5 [illegible]
Mooltan	1 6 1	2 12 11	3 5 4	1 13 0	2 3 6	1 13 0	2 1 6	2 0 10	...	4 0 0	3 [illegible]
Lahore	2 4 7	4 0 0	2 10 11	1 8 5	2 3 6	2 3 0	1 8 2	1 14 1	4 6 2	3 15 3	[illegible]
Amritsar	2 8 0	4 7 1	2 13 9	1 8 7	...	...	...	1 15 3	...	...	[illegible]
Ráwalpindi ...	1 7 8	5 6 11	2 8 0	1 2 10	1 8 7	1 13 1	1 7 8	2 3 6	5 0 0	3 5 4	4 [illegible]

F SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 30TH APRIL 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
R 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.
20 0 0	5 0 0	4 3 4	10 10 8	34 9 6	3 7 8	8 0 0	11 6 10	...	0 10 8	0 10 8	0 7 1	125	60 0 0
5 11 5	4 7 1	5 0 0	12 4 11	37 10 4	3 7 8	5 0 0	11 5 1	30 0 0	0 5 3	0 8 0	1 8 0	75	50 0 0
6 10 6	4 11 0	4 3 2	11 7 0	33 10 6	3 11 6	10 0 0	13 5 4	...	0 4 11	0 8 0	0 7 0	70	50 0 0
5 8 0	4 9 2	4 11 3	12 4 11	33 11 0	3 0 7	5 11 9	12 4 11	31 0 0	1 0 0	0 7 1	...	105	100 0
...	4 7 1	4 9 2	12 4 11	...	3 0 4	5 4 0	...	...	...	0 7 1	...	...	...
5 8 0	5 0 0	4 10 0	13 5 4	32 0 0	2 13 9	4 0 0	10 0 0	29 0 0	0 9 2	0 9 2	0 10 8	60	60 0 0

GOVIND RAM, *Offg. Clerk of Statistics*,

Office of Director of Land Records and Agriculture, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 23rd April 1898 on 162·24 miles open.

	Coaching Traffic.		*Merchandise and Mineral Traffic.*				*Traffic Train-miles run.*		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs A. P.			
Total traffic for the week	18,698	18,433 6 0	74 409 20	12,148 6 0	67 0 0	30,648 12 0	8,091	4,425	12,516
Or per mile of Railway	...	113 9 11	...	74 14 1	0 6 7	188 14 7	...	...	...
For previous 15$\frac{1}{7}$ weeks of half-year	489,991	3,24,579 7 0	1,584,898 30	2,36,894 2 0	1,298 0 0	5,62,771 9 0	116,929	72,435	189,364
Total for 16$\frac{1}{7}$ weeks ...	508,689	3,43,012 13 0	1,659,308 10	2,49,042 8 0	1,365 0 0	5,93,420 5 0	1,25,020	76,860	201,880
COMPARISON.									
Total for corresponding week of previous year ...	17,047½	17,585 1 7	65,149 10	9,637 11 0	80 10 0	27,303 6 7	7,033	3,427	10,460
Per mile of Railway corresponding week of previous year.	...	109 9 4	...	60 0 11	0 8 1	170 2 4	...	...	...
Total for corresponding 16$\frac{2}{7}$ weeks of previous year ...	278,218½	2,49,533 15 0	1,440,937 30	1,79,295 5 0	1,054 4 0	4,29,883 8 0	109,667	61,440	171,107

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 28th April 1898.

T. BASHFORD,
Acting Chief Auditor.

No. 20 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MAY 19, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 17th MAY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	2·01 in Hissar ... 1·27 at Hansi. 1·04 at Bhiwáni. 0·66 at Fatahabad. 1·60 at Sirsa.	1. Sufficient ... 2. Good.	Wheat 16 seers ... Bájra 24 seers. Gram 24 seers.	Hail slightly damaged extra spring crops in parts. Crops nearly harvested.	Rain benefited cotton crop and other kharif sowings in sandy soils.
2	Delhi ...	0·60 at Sadr ...	1. Sufficient ... 2. Fair.	Wheat 12 seers ... Gram 19½ seers. Bájra 23 seers.	Export of wheat continues ...	...
3	Umballa ...	0·21 at Sadr ...	1. Sufficient ... 2. Good.	Wheat 15 to 16½ seers. Gram 20 to 21 seers. Maize 27 seers.	Crops harvested. Outturn good. Extra rabi in good condition. Wheat being brought up for export. Fall of prices checked.	...
4	Jullundur ...	...	1. Sufficient ...	Wheat 15½ seers Gram 21½ seers. Maize 26 seers. Barley 24 seers.	Threshing in progress. Outturn good. Stock of food grain sufficient.	...
5	Ferozepore ...	0·31 in Moga ... 0·17 at Zíra. 0·36 at Sadr. 0·27 at City. 0·01 at Fázilka. 1·53 at Nathana. 0·14 at Jalalabad.	1. Sufficient ...	Wheat 15 seers ... Gram 22 seers. Maize 25 seers. Jowár 19 seers. Bájra 20 seers. Barley 26 seers.	Stock of food grain sufficient. Reaping over, threshing commenced.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of	
					Rabi (Spring).	Kharif (Autumn).
6	Mooltan ...	...	1. Sufficient ...	Wheat, 2nd quality, 14½ seers.	Crops being harvested. Food stock sufficient.	...
7	Lahore ...	0·75 in Lahore ... 0·92 at Kasúr. 0·56 at Sharakpur.	1. Sufficient ...	Wheat 14 to 16 seers. Maize 28 to 29 seers.	Threshing operations in progress. Extra rabi crops being irrigated. Yield average. Hail damaged crops in parts. Rain wetted grain on threshing floors.	Land being prepared for autu[mn] sowings.
8	Amritsar ...	0·88 at Sadr ...	1. Sufficient ... 2. Good.	Wheat 16 seers ... Maize 25¼ seers.	Outturn of rabi being collected. Extra rabi being nourished.	...
9	Siálkot ...	0·70 average ...	1. Sufficient ... 2. Good.	Wheat 14 to 15 seers. Rice 10 to 11 seers.	Threshing continues ...	Crops generally promise well.
10	Shahpur ...	1·72 in Bhera ... 1·95 at Shahpur. 2·25 at Khusháb.	1. Scarce in parts.	Wheat 14 to 18 seers. Bájra 18 to 24 seers.	Locusts seen passing in some places without doing any damage.	...
11	Ráwalpindi ...	0·51 in Pindigheb 0·70 at Fatahjang. 0·17 at Attock. 1·13 at Ráwalpindi. 1·61 at Gujar Khan. 1·30 at Kahúta. 1·28 at Murree.	1. Sufficient ...	Wheat 15 seers ... Bájra 20 seers. Maize 23 seers.	Crops cut. Threshing commenced. Outturn average. Locusts appeared in some places, but were destroyed. Stock of food grain sufficient.	...
12	Pesháwar ...	1·23 at Sadr ...	1. Sufficient ... 2. Good.	Wheat $14\frac{3}{16}$ seers Maize $26\frac{13}{16}$ seers.	Rain injurious to crops harvested. Stock of food grain sufficient.	Crops be[ing] sown in par[ts].
13	D. I. Khan ...	0·39 at Sadr ... 0·08 at Tánk.	1. Sufficient ... 2. Good.	Wheat 17⅓ seers Bájra 27½ seers.	Condition of extra spring crops good. Harvesting and threshing in progress. Outturn average. High wind and hail damaged crops in some places.	Condition of cotton crops g[ood].

GENERAL REMARKS.

Rainfall.—Rain averaging about 2 inches fell in Shahpur, 1½ inch in Hissar, 1⅕ in Pesháwar, 1 inch in Ráwa[lpindi], ⅘ of an inch in Amritsar, ¾ in Lahore and Siálkot, ⅗ in Delhi, ⅖ in Ferozepore and ⅕ in Umballa and Dera Ismail Khan.

Prices—Have risen in Siálkot and Shahpur, fallen in Hissar, Umballa and Amritsar, and remained unchanged elsew[here]. Wheat is selling from 12 to 18, gram 19½ to 24, bulrush millet 18 to 27½, great millet 19, maize 23 to 29, barley 24 to 25, rice 10 to 11 seers per rupee.

Agricultural operations.—Harvesting and threshing of spring crops continue in some places. Autumn crop sowings commenced.

Crops and outturn.—Standing crops in good condition. Outturn generally reported good to average. Food stocks suffici[ent].

Damage done to crops.—Locusts appeared in parts of Shahpur and Ráwalpindi, but did no damage. Crops are said to ha[ve] been damaged by hail in parts of Lahore; by hail and high winds in Dera Ismail Khan.

Agricultural stock.—Condition of cattle fair in Delhi; good elsewhere.

Pasturage.—Fodder scarce in parts of Shahpur; sufficient elsewhere.

TULSI DAS, *Offg. Supdt.*,

Office of Director of Land Records and Agriculture, Punja[b].

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1898.

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th April.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th April 1898.	Total.	Condition of crops and cattle, and health of people.
HISSAR.	Sirsa ...	2·20	0·30	0·30	...	1·39	...	1·39	No rainfall during the month. Rabi crops being harvested. Outturn on the whole average. Extra rabi sown. Canal crops in good condition. Baráni are suffering for want of rain. Grain being exported to Bombay and other parts of the country. Fodder sufficient. General health of the district good.
	Fatahabad ...	2·32	0·33	0·33	...	1·14	...	1·14	
	Hissar ...	2·37	0·22	0·22	...	1·78	...	1·78	
	Hánsi ...	1·99	0·39	0·39	...	1·11	...	1·11	
	Bhiwáni ...	1·68	0·29	0·29	...	1·81	...	1·81	
	Budhláda ...	...	...	...	...	1·94	...	1·94	
	Tohána ...	...	...	...	...	2·29	...	2·29	
JIND STATE.	Dhaneta (*c*) ...	...	...	...	...	1·29	...	1·29	
	Safidon (*c*) ...	...	...	...	0·10	2·50	0·10	2·60	
	Jind (*c*) ...	...	...	...	...	1·00	...	1·00	
BIKANER STATE.	Channi (*c*) ...	...	...	...	...	1·80	...	1·80	
ROHTAK.	Rohtak ...	2·26	0·22	0·22	...	1·40	...	1·40	Rabi crops have been harvested. The outturn is—unirrigated area 6 anna and irrigated 16 anna. Sugarcane, cotton and indigo cultivation in progress. Condition of extra rabi good. Health of people good. Fodder plentiful. Stock of grain sufficient. Prices of food-grain are as follow :— Wheat ... 17 seers per rupee. Gram ... 22 " " Jowár ... 22 " " Bájra ... 23 " "
	Gohána ...	2·41	0·42	0·42	0·60	1·55	0·60	2·15	
	Ilur Sámpla ...	2·00	0·23	0·23	...	2·02	...	2·02	
	Jhajjar ...	1·84	0·35	0·35	0·75	1·48	0·75	2·23	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1898—(CONTINUED).

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th April.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th April 1898.	Total.	Condition of crops and cattle, and health of people.
GURGAON.	Farukhnagar ...	...	...	...	0·05	1·65	0·05	1·70	There was practically no rain except som slight showers in Ferozepore, Rew and Farrukhnagar. The rabi is bein winnowed. The outturn on irrigated lan has been average, that on dry lan below average. Ploughing for kharif in progress. The cotton and indi sowings in canal villages have comme ed. Sugarcane fields are being weed Fodder sufficient. General health fa Prices are falling, and now stand thus— Wheat ... 16 seers per rupee. Barley ... 27 „ „ Jowár ... 26 „ „ Bájra ... 24 „ „ Gram ... 20 „ „
	Játusána ...	...	...	...	...	0·50	...	0·50	
	Rewári ...	1·64	0·09	0·09	0·07	1·81	0·07	1·88	
	Shahjahánpur ...	...	...	...	...	1·56	...	1·56	
	Tauru ...	...	...	...	...	3·17	...	3·17	
	Núh ...	1·67	0·14	0·14	...	2·37	...	2·37	
	Fírozpur ...	1·00	0·12	0·12	0·06	2·30	0·06	2·36	
	Hodal ...	...	...	...	...	2·55	...	2·55	
	Hattín ...	...	...	...	...	3·29	...	3·29	
	Palwal ...	2·04	0·31	0·31	...	3·53	...	3·53	
	Sohna ...	...	...	...	...	2·30	...	2·30	
	Gurgaon ...	2·39	0·13	0·13	...	2·11	...	2·11	
	Punahána ...	...	...	...	...	2·92	...	2·92	
DELHI.	Ballabgarh ...	1·99	0·11	0·11	...	2·87	...	2·87	Rabi crops harvested. Yield on b land below average. Sugarcane cult tion completed. Extra rabi in fair c dition. Fodder and stocks suffic Prices improving. Health of people g
	Mahrauli ...	...	...	...	0·32	2·45	0·32	2·77	
	Sadr (Delhi) ...	2·97	0·28	0·28	...	2·86	...	2·86	
	Sonepat ...	2·36	0·19	0·19	...	2·30	...	2·30	
KARNAL.	Pánipat ...	2·49	0·38	0·38	...	3·10	...	3·10	No rain during the month, nor w needed. Rabi harvested and is b winnowed. Outturn on irrigated l average. Prices falling, and now st thus :— Wheat ... 15 seers per rup Barley ... 24 „ Gram ... 20 „ Bájra ... 19 „ Maize ... 20 „ Stocks of grain sufficient. Fodder a able. Health of people good.
	Karnal ...	4·02	0·57	0·57	...	5·94	...	5·94	
	Rajaund ...	...	...	...	...	1·52	...	1·52	
	Kaithal ...	2·36	0·23	0·23	...	2·19	...	2·19	
	Gulah ...	...	...	...	...	3·62	...	3·62	
	Thanesar (Pipli) ...	3·29	0·18	0·18	...	6·81	...	6·81	
UMBALLA.	Jagádhri ...	5·61	0·45	0·45	0·20	6·00	0·20	6·20	*Condition of crops, Rabi* 1898.—Thres nearly complete. Wheat is being bro up for export and fall of prices stop Extra rabi in good condition. Cucum and mellons coming into the mark Health of people good. Fodder d sufficient, green getting scarce. Prices— Wheat ... 14½ to 15 seers per rupee Gram ... 16 to 17 „ „ Maize ... 27 to 28 „ „
	Umballa ...	3·93	0·56	0·56	0·14	9·46	0·14	9·60	
	Naráingarh ...	4·77	0·36	0·36	...	5·63	...	5·63	
	Kharar ...	4·72	0·39	0·39	0·25	7·51	0·25	7·76	
	Rúpar ...	4·84	0·63	0·63	0·28	7·84	0·28	8·12	
	Dádupur (*c*) ...	...	...	...	0·10	6·50	0·10	6·60	
PATIALA STATE.	Kotra (*c*) ...	...	...	...	...	1·07	...	1·07	
	Jodhpur (*c*) ...	...	...	...	...	1·62	...	1·62	
	Ráníki (*c*) ...	...	...	...	...	3·55	...	3·55	
	Lehal (*c*) ...	...	...	...	...	2·49	...	2·49	
	Gujran (*c*) ...	...	...	...	...	3·00	...	3·00	
	Barthála (*c*) ...	...	...	...	0·03	4·18	0·03	4·21	
NABHA STATE.	Dadahur (*c*) ...	...	...	...	...	4·00	...	4·00	
	Bundher ...	...	...	...	...	2·16	...	2·16	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1898—(CONTINUED).

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th April.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th April 1898.	Total.	Condition of crops and cattle, and health of people.
SIMLA.	Kasauli ...	7·96	1·47	1·47	0·45	6·25	0·45	6·70	Owing to want of timely rain condition of crops poor. Health of people good.
	Bharauli ...	7·96	1·82	1·82	0·88	5·76	0·88	6·64	
	Simla ...	8·42	3·34	3·34	0·89	6·84	0·89	7·73	
	Kot Khái ...	10·88	3·41	3·41	0·65	5·12	0·65	5·77	
	Kotgarh ...	11·96	4·56	4·56	0·35	5·82	0·35	6·17	
	Kilba ...	...	...	...	Statement not received.				
KANGRA.	Plách ...	11·20	2·31	2·31	0·18	8·31	0·18	8·49	The rabi crops have now almost all been harvested. The outturn on unirrigated lands has been found to be much below the average, that no irrigated lands is about average. The prices of food-grains have commenced to rise slightly.
	Kulu ...	17·46	3·32	3·32	0·41	10·44	0·41	10·85	
	Nagar ...	13·10	2·56	2·56	0·44	10·20	0·44	10·64	
	Pálampur ...	17·35	1·47	1·47	0·14	8·20	0·14	8·34	
	Hamírpur ...	8·32	0·99	0·99	0·07	6·92	0·07	6·99	
	Dera ...	9·24	1·12	1·12	...	5·02	...	5·02	
	Kángra ...	9·99	0·67	0·67	0·19	6·10	0·19	6·29	
	Dharmsala ...	15·65	1·87	1·87	...	11·81	...	11·81	
	Núrpur ...	12·79	1·10	1·10	...	5·56	...	5·56	
HOSHIARPUR.	Dasúya ...	6·14	0·84	0·84	...	6·38	...	6·38	The rabi crops have been cut, and the grain is being taken out. The outturn is average throughout almost the whole district. The extra rabi crops and sugarcane, &c., in Tahsíls Dasúya, Garhshankar and Una appear to be in good condition and average in Tahsíl Hoshiárpur. The mong crop in all four tahsíls of the district promises to be a good one this year. Supplies of food-grains and fodder are sufficient.
	Una ...	5·12	0·67	0·67	0·02	6·61	0·02	6·63	
	Garhshankar ...	5·24	0·77	0·77	0·12	7·78	0·12	7·90	
	Sadr Station ...	6·06	0·56	0·56	...	6·17	...	6·17	
	Hoshiárpur ...	...	...	...	...	6·09	...	6·09	
JULLUNDUR.	Jullundur ...	4·53	0·44	0·44	...	4·19	...	4·19	The rabi has been reaped. Threshing in progress. Outturn good.
	Nakodar ...	3·28	0·64	0·64	...	5·64	...	5·64	
	Phillour ...	3·66	0·73	0·73	...	4·88	...	4·88	
	Nawashahr ...	4·66	0·58	0·58	...	6·71	...	6·71	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1898—(CONTINUED).

Explanation :— (c) = Canal Rain-gauge Station.

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		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th April.	For month under report.	Month under report	1st October 1897 to 31st March 1898.	1st April 1898 to 30th April 1898.	Total.	Condition of crops and cattle, and health of people.
LUDHIANA.	Samrála ...	3·51	0·56	0·56	0·06	4·65	0·06	4·71	The threshing operations of the rabi crops are in progress. The extra rabi crops are in good condition. Health of the people is good. The prices have fallen. Fodder and grain stocks are sufficient throughout the district.
	Ludhiána ...	4·15	0·64	0·64	...	4·16	...	4·16	
	Jagraon ...	2·44	0·34	0·34	...	4·82	...	4·82	
FEROZEPORE.	Moga ...	2·14	0·35	0·35	...	4·92	...	4·92	Stocks of food-grains sufficient for [illegible] requirements. Fodder sufficient. *Condition of crops.*—Reaping of crops are in progress during the month *Prices*—The average prices of the food-grains during the month were :— Wheat ... 15 seers per rupee. Gram ... 19 " " Barley ... 23 " " Jowár ... 19½ " " Bájra ... 18¼ " " Maize ... 20 " " Health of the people good throughout the district.
	Zíra ...	2·47	0·44	0·44	...	5·22	...	5·22	
	Ferozepore Sadr ...	2·67	0·64	0·64	...	4·79	...	4·79	
	Ferozepore City ...	...	...	...	...	5·80	...	5·80	
	Muktsar ...	1·15	0·19	0·19	...	2·83	...	2·83	
	Fázilka ...	...	...	...	...	2·13	...	2·13	
	Nathána ...	...	...	...	...	2·46	...	2·46	
	Jalálabad ...	...	...	...	...	1·90	...	1·90	
	Gobindgarh (c) ...	...	...	...	...	1·40	...	1·40	
	Phidda (c) ...	...	...	...	...	2·00	...	2·00	
MOOLTAN.	Mailsi ...	0·72	0·14	0·14	...	2·18	...	2·18	Rabi crops being harvested. Health [illegible] people good.
	Lodhrán ...	0·91	0·29	0·29	...	2·54	...	2·54	
	Shujabad ...	0·93	0·17	0·17	...	2·04	...	2·04	
	Mooltan ...	1·17	0·20	0·20	...	1·88	...	1·88	
	Kabirwála ...	1·12	0·25	0·25	...	1·75	...	1·75	
JHANG.	Shorkot ...	1·65	0·47	0·47	...	2·27	...	2·27	Condition of kharíf crops good in all the four tahsíls. In the Chenab [illegible] Colony sharshaf was attacked by Tela. Rabi crops have been reaped in the Chenab Colony and in the other parts of the district. These are being cut. In the Colony sugarcane and cotton have been sown. Extra rabi is being cultivated. Health of the people generally good. Locusts appeared in Mauzas Nos. 132 and 90 in Chenab Colony, but were destroyed immediately.
	Jhang ...	1·79	0·39	0·39	...	2·20	...	2·20	
	Chiniot ...	1·97	0·53	0·53	...	3·54	...	3·54	
	Badwáli (c) ...	...	...	...	0·20	2·90	0·20	3·10	
	Tarkhani (c) ...	...	...	...	...	2·35	...	2·35	
	Murídwála (c) ...	...	...	...	...	3·19	...	3·19	
	Khewra (c) ...	...	...	...	...	2·70	...	2·70	
	Laklani (c) ...	...	...	...	...	2·60	...	2·60	
	Lyallpur (c) ...	...	...	...	...	3·50	...	3·50	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1898—(CONTINUED).

Explanation :—(*C*) = Canal Rain-gauge Station.

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		RAINFALL.							
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DISTRICT.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th April.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th April 1898.	Total.	Condition of crops and cattle, and health of people.
MONTGOMERY.	Gugera ...	1·46	0·30	0·30	...	3·02	...	3·02	Rabi crops generally have been cut. Out-turn of gram is below the average. Sowings of extra rabi finished prospects fair. Food-grains sufficient.
	Montgomery ...	1·68	0·15	0·15	...	1·61	...	1·61	
	Pákpattan ...	1·18	0·12	0·12	...	0·87	...	0·87	
	Dipálpur ...	1·44	0·23	0·23	0·07	2·89	0·07	2·96	
	Sandyanwala (*C*) ...	...	...	...	...	...	...	...	
LAHORE.	Van (*C*) ...	2·64	0·64	0·64	...	4·70	...	4·70	No rain fell during the month under report. The rabi crops are being harvested. Irrigated crops good and unirrigated crops average. Health of the people good. No river inundation. The Deg Nallah remained dry. The Bári Doáb Canals were open. Prices are falling.
	Chunián ...	1·66	0·50	0·50	...	4·17	...	4·17	
	Kasúr ...	1·70	0·36	0·36	...	4·81	...	4·81	
	Pambe (*C*) ...	2·48	0·54	0·54	...	4·90	...	4·90	
	Sharakpur ...	1·79	0·31	0·31	...	4·04	...	4·04	
	Niáz Beg (*C*) ...	3·72	0·70	0·70	...	3·88	...	3·88	
	Lahore ...	3·07	0·37	0·37	...	5·62	...	5·62	
	Meean Meer (*C*) ...	4·39	0·68	0·68	...	5·80	...	5·80	
	Manihála (*C*) ...	2·82	0·18	0·18	...	4·05	...	4·05	
	Dafthu (*C*) ...	...	...	...	...	3·30	...	3·30	
	Nijábat (*C*) ...	...	...	...	...	2·24	...	2·24	
AMRITSAR.	Buchar (*C*) ...	4·06	0·62	0·62	...	5·93	...	5·93	The harvesting of rabi crops is still in progress. New grain has come into the market. Stock of food-grain is now sufficient. Fodder is sufficient. Health of the people is good. Prices have risen somewhat, except gram. Wheat ... 14½ seers per rupee. Gram ... 20½ " " Barley ... 26 " " Maize ... 27—28 " " Jowár ... 18 " "
	Khara (*C*) ...	2·38	0·38	0·38	...	5·48	...	5·48	
	Tarn Táran ...	3·51	0·43	0·43	...	5·42	...	5·42	
	Raya (*C*) ...	4·59	0·54	0·54	...	4·44	...	4·44	
	Jail Hospital (Amritsar).	4·52	0·60	0·60	...	5·54	...	5·54	
	Amritsar (*C*) ...	...	...	...	...	6·40	...	6·40	
	Buggeh (*C*) ...	3·96	0·32	0·32	...	8·10	...	8·10	
	Ajnála ...	3·09	0·26	0·26	...	6·13	...	6·13	
GURDASPUR.	Aliwál (*C*) ...	4·00	0·59	0·59	...	4·58	...	4·58	Condition of crops excellent. Health of people good. Rabi is being cut and threshed.
	Batála ...	5·53	0·50	0·50	...	4·33	...	4·33	
	Tibri (*C*) ...	5·77	0·59	0·59	...	6·20	...	6·20	
	Gurdaspur ...	5·43	0·45	0·45	...	7·35	...	7·35	
	Pathánkot ...	8·15	0·63	0·63	...	6·91	...	6·91	
	Dalhousie ...	13·32	2·94	2·94	...	13·34	...	13·34	
	Mádhopur (*C*) ...	10·62	0·97	0·97	...	6·40	...	6·40	
	Shakargarh ...	6·92	0·65	0·65	...	6·04	...	6·04	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1898—(CONTINUED).

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1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District	Rain-gauge Station.	1st October to 31st March.	1st April to 30th April.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th April, 1898.	Total.	Condition of crops and cattle, and health of people.
SIALKOT.	Zafarwál ...	5·70	0·69	0·69	...	5·22	...	5·22	Rabi crops have almost been gathered [illegible] threshing. The outturn of barley [illegible] massar crops on irrigated lands is aver[illegible] and that on barani lands is below aver[illegible] The sowings of cotton and cane are [illegible] progress. Fodder is sufficient. Pr[illegible] falling; wheat is sold at Rs 2-10 [illegible] maund. Health of people good.
	Pasrúr ...	5·85	1·52	1·52	...	5·56	...	5·56	
	Raya ...	4·03	0·46	0·46	...	6·19	...	6·19	
	Daska ...	4·94	0·84	0·84	..	6·76	...	6·76	
	Siálkot ...	5·87	1·71	1·71	0·03	5·89	0·03	5·92	
GUJRAT.	**Gujrat (Sadr)** ...	6·52	1·12	1·12	...	6·13	...	6·13	Condition of standing kharíf crops is [illegible] for want of rain. Cutting of rabi c[illegible] over; threshing in progress. The [illegible] wind which has been blowing during [illegible] month has had ill effect on the [illegible] rendering it lighter. Outturn of cháh[illegible] sailábi lands average, and of barani [illegible] poor. Locusts and their young [illegible] appeared in the district were destr[illegible] No damage was done by them to c[illegible] Some cattle have been sent to Belá[illegible] grazing; fodder procurable for those [illegible] remain. Prices falling. Stock of f[illegible] grain exists with Sáhúkárs. Condi[illegible] extra rabi crops average.
	Khárián (Lála Musa)	6·35	0·83	0·83	...	5·85	...	5·85	
	Phália ...	4·65	0·95	0·95	0·01	4·24	0·01	4·25	
GUJRÁNWALA.	Rámnagar ...	3·02	0·38	0·38	...	5·84	...	5·84	Condition of crops generally good. [illegible] crops have already been cut. Wh[illegible] barley and gram damaged to some e[illegible] by dust-storms and hail-stones. Lo[illegible] appeared but passed on without doing [illegible] injury. Young locusts were seen in [illegible] villages of Khangah Dográn and Gu[illegible]wála Tahsíls, but were destroyed. He[illegible] of people generally good. Prices of [illegible] grain stationary. Fodder sufficient [illegible] stock of food-grains also sufficient.
	Wazírabad ...	4·57	0·67	0·67	...	5·86	...	5·86	
	Sadr Kacheri (Gujranwala).	4·86	0·70	0·70	...	4·68	...	4·68	
	Shekhupura ...	2·14	0·21	0·21	...	5·47	...	5·47	
	Háfizabad ...	3·79	1·00	1·00	...	6·86	...	6·86	
	Khángah Dográn ...	...	...	...	...	6·76	...	6·76	
	Rámpur (*C*) ...	...	...	...	...	5·00	...	5·00	
	Pacca Dalla (*C*) ...	...	...	...	...	4·10	...	4·10	
	Firoz (*C*) ...	...	...	...	...	3·86	...	3·85	
SHAHPUR.	Midh ...	3·88	0·14	0·14	...	4·00	...	4·00	Crops being harvested except in salt rang[illegible] Fodder somewhat scarce in the Bar, but [illegible] elsewhere. Health of people good. [illegible] great number of starlings have appear[illegible] in Bhera Tahsíl and are destroying locus[illegible] with great effect. *Prices.* Wheat ... ... 17 seers. Barley ... ... 31 ,, Gram ... ... 23 ,, Bájra ... ... 24 ,, Jowár ... ... 22 ,,
	Sáhiwál ...	2·88	0·70	0·70	...	2·50	...	2·50	
	Núrpur ...	1·96	0·10	0·10	...	2·65	...	2·65	
	Mitha Tiwána ...	2·48	0·88	0·88	...	1·25	...	1·25	
	Sakesar ...	0·97	0·13	0·13	...	9·73	...	9·73	
	Naushahra ...	4·10	0·58	0·58	...	4·51	...	4·51	
	Khusháb ...	2·47	0·60	0·60	...	3·49	...	3·49	
	Shahpur ...	3·58	0·73	0·73	...	3·85	...	3·85	
	Bhera ...	3·61	0·99	0·99	...	4·92	...	4·92	
	Miáni ...	4·72	0·40	0·40	...	4·20	...	4·20	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1898—CONTINUED.

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		RAINFALL.							
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JHELUM.	Pind Dádan Khan ...	4·18	0·61	0·61	...	5·25	...	5·25	The rabi crops are being gathered in; the outturn of the crop in Tahsíl Pind Dádan Khan is average, while in the other tahsíls it is below average, due to no rain in March. The young locusts have been destroyed. No damage was done by them. Price of grain is falling. Stock of grain sufficient. Extra rabi has been sown in lands irrigated by wells. Fodder plentiful. Health of people good. No inundation in river.
	Jhelum (Sadr) ...	5·49	0·93	0·93	...	7·33	...	7·33	
	Chakwál ...	4·23	0·78	0·78	...	5·86	...	5·86	
	Talagang ...	4·82	1·03	1·03	...	4·25	...	4·25	
RAWALPINDI.	Pindigheb ...	5·01	1·40	1·40	...	5·55	...	5·55	Rabi prospects good. Locusts appeared in Fatahjang Tahsíl, but were destroyed.
	Fatahjang ...	6·09	0·78	0·78	...	6·95	...	6·95	
	Attock ...	6·51	0·89	0·89	...	7·42	...	7·42	
	Rawalpindi ...	8·87	2·00	2·00	...	6·63	...	6·63	
	Gujar Khan ...	7·53	0·70	0·70	...	6·13	...	6·13	
	Kahúta ...	8·60	0·96	0·96	0·06	6·54	0·06	6·60	
	Murree ...	9·53	3·07	3·07	0·49	12·93	0·49	13·42	
HAZARA.	Abbott-abad ...	14·82	3·27	3·27	2·02	13·63	2·02	15·65	Standing crops cut in plain dry tracts. Barley being cut elsewhere as it is ripening. Outturn poor on unirrigated lands. Average elsewhere in the Haripur Tahsil. Health of people good. Fodder and grain stocks being replenished. Prices high, falling slightly. Water in irrigation cuts barely sufficient.
	Mánsahra ...	14·87	3·15	3·15	1·14	11·16	1·14	12·30	
	Haripur ...	11·24	2·28	2·28	0·88	6·22	0·88	7·10	
PESHAWAR.	Swábi ...	5·88	1·35	1·35	0·15	8·67	0·15	8·82	The sowings of extra rabi and kharíf crops have been completed. The rainfall during the month though insignificant has proved beneficial to the standing rabi crops, the condition of which both on irrigated and unirrigated lands is good. Wheat, barley, massar and sarshaf are being reaped. Outturn average. Stock of food grain and fodder sufficient. Health of people good. Prices of food grains are falling. The following are prices current in the Peshâwar City on the last day of the month:— Wheat ... 15 seers } per rupee. Maize ... 28¾ ,, } per rupee. There was sufficient water in canals.
	Lahor (Utman Bolak)	6·01	1·49	1·49	0·16	5·86	0·16	6·02	
	Nowshera ...	6·15	1·21	1·21	0·41	6·68	0·41	7·09	
	Mardán ...	6·66	1·28	1·28	0·41	7·31	0·41	7·72	
	Katlang ...	5·27	1·02	1·02	...	3·99	...	3·99	
	Chársada ...	5·17	0·83	0·83	0·74	5·76	0·74	6·50	
	Nabakki ...	5·95	1·65	1·65	...	6·22	...	6·22	
	Peshawar ...	5·42	1·68	1·68	0·19	5·77	0·19	5·96	
	[illegible]azai (*c*) ...	...	...	...	...	5·35	...	5·35	
	Khán Máhi (*c*) ...		...	...	...	3·20	...	3·20	
	[illegible]ára Chinár (Kurram)	Statement not received.							

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1898—(CONTINUED).

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March	1st April to 30th April.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th April 1898.	Total.	Condition of crops and cattle, and health of people.
Kohát.	Kohát ...	6·31	1·45	1·45	...	5·94	...	5·94	No rain to speak of fell during the month under report. There was, however, sufficient water in the springs, as also in the Kohát Toi for the "Sarwarkh" villages (*i. e.*, those of the China Bála, China Payán and Toi I. Circles), there being springs in the bed of the Toi. The water in the Toi, which irrigates the lands of the villages lower down or "Payán Warkh" (*i. e.*, those belonging to Toi II Circle) almost entirely failed, and on one occasion water for the "Sarwarkh" villages had to be brought down for the irrigation of "Paián Warkh." The outturn of the rabi crop which is being cut and harvested is expected to be a little less than the average on irrigated lands, while that of crops on unirrigated lands is considerably below the average. Locusts appeared in one village of the Kohát Tahsíl and three villages of the Teri Tahsíl, but did no damage to the crops. They have since disappeared. On the 5th April 1898 hail fell in two villages, viz., Jangal Mír Asghar Mela and Landi in the Kohát Tahsíl and in one village (near Hangu) in the Hangu Tahsíl, but no appreciable damage was done to the crops. The old stock of fodder has become entirely exhausted in consequence of the large demand that existed during the late disturbances. In the neighbouring villages of the Kohát town, "Shaftálu" for use of cattle and other animals is plentiful. Green grass is not procurable in the plains, but it is still obtainable on the hills. Stocks of food-grains are sufficient. Prices continue to fall owing to the large stocks in the hands of travellers and the harvesting of the rabi crop.
	Hangu ...	...	...	...	0·35	6·99	0·35	7·34	
	Thal ...	...	...	...	...	7·12	...	7·12	
	Banda Daud Shah ...	...	...	...	...	5·24	...	5·24	
	Khushálgarh ...	...	...	...	...	0·13	...	0·13	
Bannu.	Miánwáli ...	2·50	0·95	0·95	...	4·16	...	4·16	Rabi crop is being harvested. Extra rabi is in good condition. The outturn of the crops is reported good. Stocks of grain and fodder in all the tahsíls [illegible] sufficient. Rate of gram grain is falling. Health of people good. In few villages of the Bannu Tahsíl hailstone fell on 7th April 1898 without harming to the crop. No locusts. Canals working well.
	Isa Khel ...	2·79	0·98	0·98	...	4·81	...	4·81	
	Bannu ...	3·28	1·14	1·14	0·11	4·46	0·11	4·57	
	Marwat ...	3·31	0·62	0·62	...	3·34	...	3·34	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF APRIL 1898—(CONCLUDED).

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average Rainfall of past years.			Rainfall of present year.				
District	Rain-gauge Station.	1st October to 31st March.	1st April to 30th April.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th April 1898.	Total.	Condition of crops and cattle, and health of people.
Dera Ismail Khan.	Tánk ...	1·71	0·60	0·60	...	2·65	...	2·65	The condition of standing extra rabi and cotton crops is good. Sarshaf and usún crops have been threshed: outturn average. Wheat is being reaped. The reaping of barley and gram nearly over. Health of people good. Fodder sufficient. Wheat 16¼ seers and bájra 27 seers per rupee.
	Kuláchi ...	1·77	0·54	0·54	...	2·84	...	2·84	
	Dera Ismail Khan...	2·24	0·73	0·73	...	5·04	...	5·04	
	Bhakkar ...	1·59	0·58	0·58	...	2·40	...	2·40	
	Leiah ...	1·48	0·61	0·61	...	1·70	...	1·70	
	Shekh Budín ...	...	...	...	...	4·88	...	4·88	
Dera Ghazi Khan.	Sanghar ...	1·40	0·64	0·64	...	1·69	...	1·69	Rabi harvesting going on. Excellent crops. Health of people on the whole good. Prices falling. Stocks of grains and fodder ample.
	Dera Ghazi Khan...	1·99	0·30	0·30	...	1·25	...	1·25	
	Fort Munro ...	0·75	0·28	0·28	...	1·23	...	1·23	
	Jámpur ...	0·88	0·23	0·23	...	1·17	...	1·17	
	Rájanpur ...	0·52	0·31	0·31	...	0·84	...	0·84	
Muzaffargarh.	Alípur ...	1·00	0·32	0·32	...	2·05	...	2·05	Rabi crops being harvested: condition average. Health of people good. Fodder sufficient. Stock of food-grain sufficient.
	Muzaffargarh ...	1·06	0·28	0·28	...	1·86	...	1·86	Ditto ditto.
	Sinánwán ...	1·48	0·50	0·50	...	1·29	...	1·29	Condition of crops good. Health of people good. Supply of food grain and fodder sufficient. All the canals supply water.

Note.

Correction No. 1 for Sirsa published at foot of the Agricultural Prospect Report for March 1898 may be considered as cancelled.

Against Abazai (*c*) (Peshâwar District) in columns 7 and 9 read 5·35 for 3·35

TULSI DAS, *Offg. Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 30TH APRIL 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births: Males.	Births: Females.	Births: Total.	Deaths: Total.	Deaths: Males.	Deaths: Females.	Cause of Death: Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age: Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	3	1	4	9	5	4	...	...	...	3	1	...	5	1	2	3	12	28	1
2		Hansi ...	15,190	2	3	5	5	1	4	...	...	...	4	...	...	1	...	1	1	17	17	2
3		Bhiwani ...	35,487	6	3	9	18	12	6	...	...	1	6	2	...	9	3	...	3	13	26	3
4		Sirsa ...	16,415	1	5	6	9	7	2	...	...	...	5	2	...	2	2	...	2	19	29	4
5	Rohtak ...	Rohtak ...	16,191	6	3	9	3	2	1	...	...	...	2	...	...	1	1	...	1	29	10	5
6		Jhajjar ...	11,881	1	4	5	3	1	2	...	...	...	...	1	...	2	...	...	...	22	13	6
7	Gurgaon ...	Rewari ...	27,934	3	2	5	9	6	3	2	...	...	2	2	...	3	...	...	...	9	17	7
8		Palwal ...	11,227	3	3	6	5	2	3	...	...	...	5	...	...	...	1	...	1	28	23	8
9	Delhi ...	Delhi ...	189,648	42	41	83	119	72	47	...	...	3	59	2	1	54	20	12	32	23	33	9
10		Sonepat ...	12,611	4	5	9	7	4	3	...	...	...	2	2	...	3	1	1	2	37	29	10
11	Karnal ...	Karnal ...	21,530	6	4	10	22	12	10	...	...	...	13	1	...	8	2	7	9	24	53	11
12		Kaithal ...	15,768	2	3	5	8	4	4	...	...	1	5	1	...	1	1	...	1	17	26	12
13		Panipat ...	27,547	7	10	17	17	4	13	...	...	...	7	3	...	7	1	4	5	32	32	13
14		Shahabad ...	11,473	1	1	2	7	4	3	...	...	...	4	...	...	3	1	2	3	9	32	14
15	Umballa ...	Umballa ...	26,856	7	2	9	18	13	5	...	...	...	6	1	...	11	3	1	4	17	35	15
16		Jagadhri ...	13,029	...	3	3	6	2	4	...	...	...	5	...	...	1	...	2	2	12	24	16
17		Sadhaura ...	10,445	3	...	3	10	4	6	...	...	...	7	...	...	3	...	2	2	15	50	17
18	Hoshiarpur	Hoshiarpur ...	...	Returns not received.																		18
19		Tanda and Urmar	...																			19
20	Jullundur ...	Jullundur ...	50,375	13	17	30	32	18	14	...	...	...	16	3	...	13	5	4	9	31	33	20
21		Rahon ...	10,667	2	6	8	3	1	2	...	...	...	...	...	...	2	...	...	...	3[illegible]	15	21
22		Kartarpur ...	10,441	1	...	1	10	7	3	...	...	...	5	2	...	3	4	3	7	5	50	22
23	Ludhiana ...	Ludhiana ...	46,024	10	7	17	37	17	20	...	...	...	12	4	...	21	...	2	2	19	4[illegible]	23
24		Jagraon ...	18,116	6	6	12	14	7	7	...	...	...	7	1	2	4	3	...	3	35	40	24
25	Ferozepore	Ferozepore ...	25,337	3	2	5	9	6	3	...	...	...	8	1	...	...	...	2	2	10	19	25
26	Mooltan ...	Mooltan ...	64,265	11	12	23	22	12	10	...	...	...	9	4	...	9	3	5	8	19	18	26
27	Jhang ...	Maghiana ...	13,866	2	4	6	8	3	5	...	...	...	3	...	...	5	1	2	3	23	30	27
28		Chiniot	13,476	6	7	13	4	1	3	...	...	...	...	...	...	4	...	1	1	50	15	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	32	36	68	92	54	38	...	...	...	50	4	...	38	11	13	24	22	30	29
30		Kasur ...	20,290	3	5	8	10	5	5	...	...	...	8	...	...	2	1	1	2	21	26	30
31		Chunian ...	10,339	5	3	8	7	4	3	...	...	...	2	1	...	4	1	1	2	40	35	31
32	Amritsar ...	Amritsar ...	135,401	45	26	71	128	60	68	...	...	...	60	2	2	64	9	17	26	27	49	32
33	Gurdaspur ...	Batala ...	27,223	11	7	18	16	9	7	...	...	1	9	...	...	6	1	1	2	34	31	33
34	Sialkot ...	Sialkot ...	33,965	7	6	13	34	11	23	...	...	...	17	1	...	16	1	3	4	20	52	34
35	Gujrat ...	Gujrat ...	17,671	7	7	14	16	8	8	...	...	...	6	...	...	10	...	1	1	41	47	35
36		Jalalpur ...	11,065	2	5	7	10	8	2	...	...	...	...	1	2	7	2	...	2	33	47	36
37	Gujranwala...	Gujranwala ...	25,892	7	4	11	10	6	4	...	...	...	4	...	...	6	2	1	3	22	20	37
38		Wazirabad ...	15,786	4	6	10	17	13	4	...	...	...	10	2	...	5	3	4	7	33	56	38
39	Shahpur ...	Bhera ...	17,428	5	2	7	10	7	3	...	...	...	4	...	...	6	3	1	4	21	30	39
40	Jhelum ...	Pind Dadan Khan	15,055	1	4	5	5	4	1	...	...	...	3	2	...	...	...	1	1	17	17	40
41	Rawalpindi ...	Rawalpindi ...	38,334	12	4	16	17	11	6	...	...	...	10	...	...	7	4	2	6	22	23	41
42	Peshawar ...	Peshawar ...	63,079	11	8	19	37	20	17	...	...	1	25	2	...	9	7	3	10	16	31	42
43	Kohat ...	Kohat ...	14,347	2	1	3	7	6	1	...	...	...	1	1	...	5	1	...	1	11	25	43
44	D. I Khan ...	Dera Ismail Khan	21,573	3	5	8	28	17	11	...	...	...	12	1	...	15	3	...	3	19	68	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	2	2	4	8	6	2	...	...	...	5	2	...	1	3	...	3	9	17	45
	Grand Total ...		1,383,597	310	285	595	866	476	390	2	...	7	421	52	7	377	105	102	207	22	33	
	Hill Sanitaria.																					
	Simla		13,279	4	...	4	5	4	1	...	...	...	3	...	...	2	2	...	2	16	20	
	Dharmsala		2,778	...	...	...	1	...	1	...	...	...	1	...	...	...	...	1	1	...	19	
	Dalhousie		807	...	1	1	1	1	...	...	...	...	1	...	...	...	1	...	1	65	65	
	Murree		1,459	...	1	1	1	...	1	...	...	...	1	...	...	...	...	...	...	36	36	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 17th May 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 30TH APRIL 1898.

Births and Deaths in Municipal Towns.—In the 43 large Municipal towns 595 births we[re] registered (310 males and 285 females), giving a birth-rate of 22 per *mille* of population; 866 dea[ths] were registered (476 males and 390 females), giving a death-rate of 33 per *mille* of population. [O[ne] hundred and twenty deaths were registered from plague in the Jullundur District and [illegible] in t[he] Hohiárpur District during the week.]

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 17th May 1898.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 30th April 1898 on 162·24 miles open.

	Coaching Traffic.		*Merchandise and Mineral Traffic.*		Other Earnings (estimated).	Total Earnings.	*Traffic Train-miles run.*		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	18,844	16,903 2 0	75,081 0	12,004 3 0	63 0 0	28,970 5 0	7,110	5,162	12,272
Or per mile of Railway	...	104 3 0	...	73 15 10	0 6 2	178 9 0	...	...	...
For previous 16 1/7 weeks of half-year	*512,153	*3,47,381 13 0	†1,675,573 10	†2,47,231 8 0	‡1,331 0 0	5,95,944 5 0	125,020	76,860	201,880
Total for 17 1/7 weeks ...	530,997	3,64,284 15 0	1,750,654 10	2,59,235 11 0	1,394 0 0	6,24,914 10 0	132,130	82,022	214,152
COMPARISON.									
Total for corresponding week of previous year ...	17,824	16,445 9 8	79,214 30	12,247 14 0	60 0 5	28,754 8 5	7,139	3,820	10,959
Per mile of Railway corresponding week of previous year	...	102 7 10	...	76 5 2	0 6 0	179 3 0	...	...	...
Total for corresponding 17 3/7 weeks of previous year ...	296,042½	2,65,980 8 8	1,520,152 20	1,91,543 3 0	1,114 4 9	4,58,638 0 5	116,806	65,260	182,066

* Added No. of passengers 3,464 and Rs. 4,369 } On account of difference between the Approximate and Audited figures for the weeks ended 12th and 19th March 1898.
† Do. Mds. 16,255 and deducted „ 1,811 }
‡ Deducted „ 34 }

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 5th May 1898.

T. BASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore—19-5-98—690.

No. 21 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, MAY 26, 1898.

PART I.
STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 24th MAY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	0·05 at Hansi ... 0·04 at Fatahabad. 0·05 at Sirsa.	1. Sufficient ... 2. Good.	Wheat 16 seers ... Bájra 24 seers. Gram 25 seers.	Crops harvested and housed ...	Ploughings commenced in various places.
2	Delhi ...	...	1. Sufficient ... 2. Good.	Wheat 12½ seers Gram 19½ seers. Bájra 23 seers.	Extra spring crop in good condition. Stocks running short owing to export.	Ploughings begun.
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 16½ to 17 seers. Gram 20 seers. Maize 27½ seers.	Wheat being brought up for export and fall of prices checked.	...
4	Jullundur ...	...	1. Sufficient ...	Wheat 16½ seers Gram 22 seers. Maize 24 seers. Barley 24 seers.	Threshing in progress. Outturn good. Extra spring crops being irrigated. Stock sufficient.	...
5	Ferozepore ...	0·04 in Moga ... 0·27 at Zíra. 0·52 at Sadr. 0·48 at City. 1·13 at Muktsar. 0·10 at Fázilka. 0·52 at Jalalabad.	1. Sufficient ...	Wheat 15 seers ... Gram 22 seers. Maize 25 seers. Jowár 19 seers. Bájra 20 seers. Barley 26 seers.	Stock of food-grain sufficient. Threshing continued. Grain and fodder slightly damaged by dust and rain, by hail in parts.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	PROSPECTS OF Rabi (Spring).	PROSPECTS OF Kharif (Autumn).
6	Mooltan ...	0·15 in Mailsi ... 0·05 at Lodhrán. 0·05 at Shujabád. 0·02 at Mooltan.	1. Sufficient ...	Wheat, 2nd quality, 15½ seers.	Crops being threshed. Stock sufficient.	Sowings commenced.
7	Lahore ...	0·12 in Sadr ...	1. Sufficient ...	Wheat 14½ to 16½ seers. Maize 28 to 29 seers.	Threshing operations in progress. Extra spring crops promise well. Hail slightly damaged crops in parts. Outturn average.	Land being prepared for sowings.
8	Amritsar ...	Slight rain ...	1. Sufficient ... 2. Good.	Wheat 17 seers ... Maize 24 seers.	Threshing and gathering of crops in progress. Extra spring crop in good condition. Stock sufficient.	Sowing of rice commenced.
9	Siálkot ...	0·82 average ...	1. Sufficient ... 2. Good.	Wheat 15½ to 16 seers. Rice 10 to 11 seers.	Threshings continued. Yield average.	Crops promising.
10	Shahpur ...	0·27 in Bhera ... 0·20 at Sadr. 0·68 at Khusháb.	1. Sufficient ...	Wheat 16½ to 18¾ seers. Bájra 20 to 23 seers.	Locusts seen passing in Bhera. Harvesting delayed by rains.	...
11	Ráwalpindi ...	0·85 in Pindigheb 0·13 at Fatahjang. 0·03 at Attock. 0·16 at Kahúta. 2·40 at Murree.	1. Sufficient ...	Wheat 15½ seers Bájra 21 seers. Maize 22 seers.	Crops cut. Threshing in progress. Outturn average. Stock of grain sufficient.	...
12	Pesháwar ...	...	1. Sufficient ... 2. Good.	Wheat $13\frac{18}{16}$ seers Maize $24\frac{2}{16}$ seers.	Food-stock sufficient ...	Condition of standing crops generally good. Further sowings continue in parts.
13	D. I. Khan ...	0·42 in Tánk ... 0·52 at Kuláchi. 0·06 at Bhakkar. 0·03 at Leiah. 1·44 at Shekh Buddin.	1. Sufficient ... 2. Good.	Wheat 18⅛ seers Bájra 26¼ seers.	Condition of standing extra spring crops good. Hail fell in parts, but no damage was done. Harvesting nearly completed; threshing in progress; outturn average.	Condition of cotton crop good.

GENERAL REMARKS.

Rainfall.—Rain averaging $\frac{4}{5}$ of an inch fell in Siálkot, ¾ in Ráwalpindi, ½ in Dera Ismail Khan and Ferozepore, ¼ in Shahpur, and slight showers in Hissar and Mooltan.

Prices.—Price of wheat has risen in Pesháwar, fallen in Delhi, Umballa, Jullundur, Mooltan, Amritsar, Siálkot, Shahpur, Ráwalpindi and Dera Ismail Khan, and remains unchanged elsewhere. Wheat is selling from 12½ to 18⅛, gram 19½ to 25, bulrush millet 20 to 26¼, great millet 19, maize 17½ to 25, barley 24 to 26, and rice 10 to 11 seers per rupee.

Agricultural operations.—Harvesting and threshing of spring crops still continue in a few districts. Ploughings for and sowing of autumn crops commenced.

Crops and outturn.—Standing extra rabi and autumn crops in good condition. Outturn generally reported good to average. Grain being brought up for export in some districts with the result that the fall of prices has been checked. Stocks sufficient except in Delhi, where they are running short owing to export.

Damage done to crops.—Locusts seen passing over parts of Shahpur. Crops slightly damaged by hail and duststorm in parts of Lahore and Ferozepore.

Agricultural stock.—Condition of cattle generally good.

Pasturage.—Sufficient throughout the district.

TULSI DAS, *Offg. Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING MARCH 1898.

Stations.	Pressure.		Wind.		Temperature in shade.								
	Barometer at 8 A. M.	Variation from normal.	Mean direction and force in March 1898.	Normal direction and force in March.	8 A. M.	Mean maximum.	Variation from normal.	Mean minimum.	Variation from normal.	Mean monthly variation from normal.	Humidity.	Vapour tension.	Amount of cloud, 10 overcast.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Delhi ...	29.885	−.007	N. 72° W. 6	N. 62° W. 4	66.7	87.3	−0.8	62.1	−0.1	−0.5	40	.266	2
Sirsa ...	29.911	+.007	E. 6	N. 35° W 4	62.4	88.0	−0.7	55.5	−1.6	−1.2	47	.276	2
Umballa ...	29.887	?	N. 41° W. 3	? ?	60.4	85.2	?	55.1	?	?	35	.358	1
Ludhiána ...	29.892	−.005	N. 9° W. 2	N. 47° W. 2	63.4	83.9	−1.2	57.3	+0.2	−0.5	55	.329	3
Lahore ...	29.906	−.001	N. 23° W. 3	N. 10° W. 3	62.1	82.1	−1.6	56.7	+1.8	+0.1	64	.363	3
Montgomery ...	29.905	+.013	N. 28° E. 5	? ?	65.6	86.5	+1.3	55.6	−0.3	+0.5	41	.264	2
Siálkot ...	29.901	+.002	N. 2	N. 59° W. 2	62.6	83.8	+2.0	55.7	+0.3	+1.2	62	.349	2
Ráwalpindi ...	29.923	+.012	N. 28° W. 4	N. 68° W. 3	58.0	75.9	−0.9	51.3	+0.9	0	67	.322	6
Khusháb ...	29.913	?	N. 12° E. 7	? ?	63.9	82.4	?	56.1	?	?	53	.313	3
Pesháwar ...	29.939	−.010	S. 12° W. 3	N. 15° E 4	57.9	72.7	−4.0	51.5	0	−2.0	75	.365	5
Dera Ismail Khan	29.938	−.001	N. 47° W. 3	N. 40° E. 2	62.0	?76.1	−?8.4	?58.3	+?2.2	−3.1	62	.347	4
Mooltan ...	29.929	0	N. 29° E. 1	N. 11° W 2	63.8	85.7	−0.8	58.0	+0.2	−0.3	54	.323	2
Simla ...	23.122	+.012	N. 43° E. 6	S 42° W ?	51.3	59.2	+2.4	46.3	+1.8	+2.1	35	.126	4
Murree ...	23.845	+.007	S. 43° E. 9	S. 35° E. 9	49.0	56.7	−2.0	44.3	+0.5	−0.8	50	.171	6
Srinagar ...	24.921	?	S. 84° E. 9	? ?	41.8	60.8	?	37.8	?	?	89	.239	5
Astor ...	22.242	?	S. 18° W. 2	? ?	35.0	45.5	?	30.0	?	?	69	.144	6
Minimarg ...	20.457	?	N. 86° E. 4	? ?	29.4	43.8	?	21.8	?	?	86	.150	6
Skardu ...	22.895	?	N. 80° W. 5	? ?	39.5	53.6	?	35.5	?	?	97	.240	7
Dras ...	20.774	?	W. 1	? ?	20.5	40.7	?	10.2	?	?	79	.099	5
Cherát ...	25.715	?	N. 4° E. 18	? ?	52.1	60.4	?	48.0	?	?	55	.208	5

The weather was feebly unsettled over the Punjab during March. On the first da of the month a deepish depression lay over the Province, occasioning strong squally winds ove the Punjab plains and showers over Kashmir. By the next morning the storm had almo disappeared, but showers of rain were reported from Umballa, Ráwalpindi, Khusháb, Pesháwa Simla, Murree and the Kashmir stations. For the next ten days fairly quiet and cool weath prevailed over the Punjab. On the plains, except on the 9th, when a shower occurred a Pesháwar and Ráwalpindi, the weather was fine and rainless, but on the Kashmir and Murre hills as well as in Balúchistán showers of rain at the lower, and of snow at the higher, eleva tions were fairly frequent, and to these showers the cool weather over the Punjab plains wa probably attributable. On the 14th and 15th the barometer fell rapidly over the Punjab, an disturbed showery weather was experienced over the north of the Province and on the neighbour ing hills, though in other parts of the Province the weather, though cloudy, was fine On the 16 and 17th the weather was fine generally, but on the 18th, 19th and 20th there was another unsettle and showery period over the northern and western districts, as well as over the surrounding hil districts. From the 21st to the close of the month the weather was fine and practically rainles throughout the Punjab. It appears from an account received from the British Agent at Ka that from the 1st to the 24th the weather over Afghánistán was very disturbed, and the disturbed conditions apparently extended through Balúchistán to the west and north of th Punjab and the neighbouring hill districts, though they did not extend into the centra southern and eastern portions of the Province.

Pressure and winds.—The pressure on the mean of the month was very near normal, but during the month the barometer was very unsteady and changed rapidly from da to day. The winds varied a good deal from the normal directions, but the force was about the average.

Temperature.—The mean temperature of the month was higher than usual at Siálko and Simla, was about normal at Delhi, Ludhiána, Lahore, Montgomery, Ráwalpindi, Murre and Mooltan, and was lower than usual at Sirsa, Pesháwar and Dera Ismail Khan. At the last named station the variations from the normal are incorrect, as the exposure of the thermo- meters at present is not regular. At Simla, Siálkot and Montgomery the day temperatures generally exceeded the normal average, but elsewhere the days were cooler than usual.

The following table shows the variation from the normal of the mean temperature of the Province on each day of the month and the highest maximum temperature registered in the Province on each day with the name of the station recording it :—

Date.	Variation from normal of mean temperature of Province during the previous 24 hours	Highest maximum temperature recorded in Province during the previous 24 hours.	Station at which recorded.	Date.	Variation from normal of mean temperature of Province during the previous 24 hours.	Highest maximum temperature recorded in Province during the previous 24 hours.	Station at which recorded.
1	2	3	4	1	2	3	4
1898.				1898.			
March 1st ...	+ 3·1	87·8	Sirsa.	March 17th ...	+ 4·6	92·8	Sirsa.
" 2nd ...	— 3·5	87·7	Delhi.	" 18th ...	+ 4·7	95·3	Do.
" 3rd ...	— 14·0	64·2	Do.	" 19th ...	+ 2·1	97·7	Delhi.
" 4th ...	— 12·4	67·5	Siálkot.	" 20th ...	— 4·1	90·2	Do.
" 5th ...	— 8·5	74·8	Mooltan.	" 21st ...	— 7·8	85·7	Do.
" 6th ...	— 4·8	75·2	Khusháb.	" 22nd ...	— 5·1	88·3	Mooltan.
" 7th ...	— 3·5	79·2	Delhi and Sirsa.	" 23rd ...	— 1·2	97·8	Do.
" 8th ...	— 1·5	84·3	Sirsa.	" 24th ...	+ 1·7	96·3	Sirsa and Mooltan.
" 9th ...	— 2·3	84·7	Delhi.	" 25th ...	+ 1·5	99·3	Sirsa.
" 10th ...	— 2·7	87·2	Do.	" 26th ...	+ 2·3	99·3	Do.
" 11th ...	— 0·9	85·0	Umballa.	" 27th ...	+ 3·3	98·8	Do.
" 12th ...	— 0·4	85·3	Mooltan.	" 28th ...	+ 3·7	100·3	Do.
" 13th ...	+ 2·6	89·3	Sirsa and Mooltan.	" 29th ...	+ ·8	99·4	Mooltan.
" 14th ...	+ 2·2	92·3	Sirsa.	" 30th ...	+ 5·0	102·0	Montgomery.
" 15th ...	+ 3·7	95·3	Do.	" 31st ...	+ 7·1	103·0	Do.
" 16th ...	+ 3·7	92·3	Do.				

On the first day of the month the mean temperature of the whole Province exceeded the normal, but on the 2nd and 3rd there occurred a sudden and large fall, and from the 2nd up to and including the 12th the weather generally was cooler than usual. From the 13th to the 19th there occurred a relatively hot period, but on the 20th the thermometer fell suddenly to below the normal again and so continued until the 23rd. From the 24th onward the heat was greater than usual, the greatest excess occurring on the last day of the month. The most remarkable features in the above table are the large changes of temperature which occurred from day to day, and the large variations from the normal which are shown. Thus between the 1st and 3rd the mean temperature of the whole Province changed by about 17° and between

the 19th and 21st by nearly 10°, and while on one occasion the heat was 14° less than usual on another it was 7° greater than usual. The highest temperature recorded throughout the whole Province on the 3rd was only 64°, while on the 31st the highest maximum was 103°, or 39° higher.

Humidity and cloud.—Both the amount of humidity and the amount of cloud have been moderate and somewhat above the normal average.

Rain.—During the month under review rain fell generally all over the north-west of the Province, as well as over the Kashmir Himalayas. Over the Punjab the total amount received during the month ranged from 0·68″ at Ráwalpindi to 2·[illegible]5″ at Pesháwar and 3·12″ at Murree, but except at Pesháwar the amount for the month was considerably less than the normal average. Except in the north-west, rain had been very light or altogether absent. Thus Dera Ismail Khan reported 0·09″, Khusháb 0·16,″ Umballa 0·02″ and Simla 0·11″, while all the remaining stations in the south, centre and east of the Province reported rainless weather throughout the whole month.

The following table gives the rainfall data for the Punjab stations for March 1898:—

Stations.	Normal average rainfall in March.	Actual rainfall in March 1898.	Difference from the average in March 1898.
1	2	3	4
Punjab, West.	Inches.	Inches.	Inches.
Mooltan	0·38	0	— 0·38
Dera Ismail Khan	0·63	0·09	— 0·54
Khusháb	0·54	0·16	— 0·38
Pesháwar	1·70	2·35	+ 0·65
Murree	3·65	3·12	— 0·53
Srinagar	2·50	0·76	— 1·74
Astor	?	3·86	?
Minimarg	?	4·41	?
Skardu	1·52	0·23	— 1·29
Dras	?	2·23	?
Cherát	4·93	1·77	— 3·16
Ráwalpindi	1·76	0·68	— 1·08
Siálkot	1·18	0	— 1·18
Lahore	0·73	0	— 0·73
Montgomery	0·51	0	— 0·51
Punjab, East.			
Umballa	0·73	0·02	— 0·71
Ludhiána	0·99	0	— 0·99
Simla	2·24	0·11	—[illegible]13
Delhi	0·56	0	— 0·56
Sirsa	0·37	0	— 0·37

SIMLA; W. L. DALLAS,
The 22nd April 1898. *Meteorological Reporter to Government, Punjab.*

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 7th May 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic Train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs A. P.	Rs. A. P.			
Total traffic for the week	18,238	15,938 12 0	73,097 10	10,305 12 0	70 0 0	26,314 8 0	7,396	5,082	12,478
Or per mile of Railway	...	98 3 10	...	63 8 4	0 6 11	162 3 1	...	...	...
For previous 17⅐ weeks of half-year	*532,914	*3,69,517 15 0	†17,42,080 10	†2,59,610 11 0	‡1,385 0 0	6,30,513 10 0	132,130	82,022	214,152
Total for 18⅐ weeks ...	551,152	3,85,456 11 0	18,15,177 20	2,69,916 7 0	1,455 0 0	6,56,828 2 0	139,526	87,104	226,630
COMPARISON.									
Total for corresponding week of previous year ...	17,705½	14,754 9 2	71,838 0	12,497 6 11	62 3 6	27,314 3 7	7,111	3,882	10,993
Per mile of Railway corresponding week of previous year.	...	91 15 2	...	77 14 1	0 6 2	170 3 5	...	...	...
Total for corresponding 18⅐ weeks of previous year ...	313,748	2,80,735 1 10	15,91,990 20	2,04,040 9 11	1,176 8 3	4,85,952 4 0	123,917	69,142	193,059

* Added No. of passengers 1,917 and Rs. 5,233 }
† Deducted Mds. 8,574 and „ 375 } on account of difference between the Approximate and Audited figures for the week ended 26th March 1898.
‡ Do. „ 9 }

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 12th May 1898.

T. BASHFORD,
Acting Chief Auditor.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICT

QUANTITIES PER RUPEE BY TH

1	2			3			4			5		
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 15th May 1898.	Past fortnight ending 30th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th May 1898.	Past fortnight ending 30th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th May 1898.	Past fortnight ending 30th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th May 1898.	Past fortnight ending 30th April 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	16	15	11	32	34	13	...	...	...	10	10	
Rohtak ...	15	17	10	25	26	13	...	...	...	10	10	
Gurgaon ...	15	16	11	27	27	14	...	...	...	7	7	
Delhi ...	13	13	11	25	25	14	...	...	...	10	10	
Karnál ...	15	15	12	25	24	14	...	...	...	12	12	
Umballa ...	15	15	12	23	22	12	...	...	...	10	10	
Simla ...	12	11	9	15	16	12	...	...	...	9	8	
Kángra ...	14	14	11	20	20	13	...	...	...	10	10	
Hoshiárpur ...	16	17	1[illegible]	24	23	17	...	...	...	10	10	
Jullundur ...	16	16	13	24	24	15	...	...	...	9	9	
Ludhiána ...	16	15	12	24	26	14	...	...	...	9	8	
Ferozepore ...	15	13	11	26	26	13	...	...	...	6	6	
Mooltan ...	12	12	11	22	21	14	...	...	...	14	14	
Jhang ...	17	17	12	26	27	16	...	...	...	10	9	
Montgomery ...	13	15	11	22	20	‡	...	...	...	10	10	
Lahore ...	14	14	12	25	25	15	...	...	...	9	10	
Amritsar ...	14	13	12	23	2[illegible]	16	...	...	...	9	9	
Gurdáspur ...	16	16	13	28	28	18	...	...	...	10	10	
Siálkot ...	14	15	12	23	25	16	...	...	...	11	11	
Gujrát ...	16	16	12	24	20	16	...	...	...	9	9	
Gujránwála ...	16	16	13	29	29	16	...	...	...	11	11	
Shahpur ...	18	17	13	30	30	17	...	...	...	7	7	
Jhelum ...	16	16	13	27	27	17	...	...	...	10	10	
Ráwalpindi ...	15	16	12	30	34	17	...	...	...	8	8	
Hazára ...	14	15	11	26	24	18	...	...	...	9	9	
Peshâwar ...	14	15	11	28	35	19	...	...	...	8	[illegible]	
Kohát ...	17	18	12	19	27	19	...	...	...	12	12	
Bannu ...	22	...	12	38	...	20	...	...	...	13	...	
D. I. Khan ...	15	16	12	24	24	15	...	...	...	10	7	
D. G. Khan ...	14	14	11	23	23	14	...	...	...	14	14	
Muzaffargarh	14	15	12	21	23	16	...	...	...	15	13	

† Not
‡ Not sol
§ Not

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH MAY 1898.

6			7			1	
ORDINARY SEER OF 80 TOLAS.							REMARKS ON CURRENT VARIATIONS.
Jowár or Cholum (Sorghum vulgare). ((			*Bájra or Cumbu (Pennisetum Typhoideum).*				
Present fortnight ending 15th May 1898.	Past fortnight ending 30th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th May 1898.	Past fortnight ending 30th April 1898.	Corresponding fortnight of 1897.	DISTRICTS.	
Srs.	Srs	Srs.	Srs.	Srs.	Srs.		
24	24	11	23	24	10	Hissar.	
22	22	10	21	22	8	Rohtak.	
22	25	11	23	24	9	Gurgaon.	
22	21	10	23	23	8	Delhi.	
23	20	8	20	19	8	Karnál.	
25	25	12	20	22	10	Umballa.	
17	19	9	15	16	7	Simla.	
†	†	§	†	†	§	Kángra.	
17	18	8	17	16	8	Hoshiárpur.	
18	20	§	18	19	8	Jullundur.	
21	20	9	21	21	9	Ludhiána.	
19	20	10	20	26	9	Ferozepore.	
16	17	8	21	21	9	Mooltan.	
23	28	7	‡	22	§	Jhang.	
18	20	§	§	‡	§	Montgomery.	
17	17	10	17	17	9	Lahore.	
17	17	8	16	16	9	Amritsar.	
20	20	12	11	11	10	Gurdáspur.	
20	23	7	15	18	§	Siálkot.	
16	16	7	16	16	7	Gujrát.	
18	18	9	17	17	10	Gujránwála.	
16	16	8	18	18	8	Shahpur.	
20	20	10	23	23	8	Jhelum.	
26	26	11	22	22	10	Ráwalpindi.	
§	§	§	16	16	§	Hazára.	
	21	9	18	19	8	Peshâwar.	
§12	§	†	26	28	9	Kohát.	
41	...	8	38	...	6	Bannu.	
33	33	10	28	27	10	D. I. Khan.	
23	23	10	23	23	11	D. G. Khan.	
17	16	9	17	18	9	Muzaffargarh.	

duced.

curable.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 15 seers as compared with 15 seers in last fortnight and 12 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Hissar	...	11	15	16
Ferozepore	...	11	13	15
Jhang	...	12	17	17
Shahpur	...	13	17	18
Kohát	...	12	18	17
D. I. Khan	...	12	16	15

Barley.—Prices average 25 seers as compared with 26 seers in last fortnight and 16 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Hissar	...	13	34	32
Ferozepore	...	13	26	26
Lahore	...	15	25	25
Ráwalpindi	...	17	34	30
Pesháwar	...	19	35	28
D. G. Khan	...	14	23	23

Rice.—Prices average 10 seers as compared with 10 seers in last fortnight and 8 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Karnál	...	8	12	12
Hoshiárpur	...	8	10	10
Mooltan	...	9	14	14
Siálkot	...	7	11	11
Kohát	...	9	12	12
D. G. Khan	...	7	14	14

Jowár.—Prices average 21 seers as compared with 21 seers in last fortnight and 9 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Karnál	...	8	20	23
Ludhiána	...	9	20	21
Jhang	...	7	28	23
Ráwalpindi	...	11	26	26
Pesháwar	...	9	21	20
D. I. Khan	...	10	33	33

Bájra.—Prices average 20 seers as compared with 20 seers in last fortnight and 9 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Delhi	...	8	23	23
Ludhiána	...	9	21	21
Mooltan	...	9	21	21
Jhelum	...	8	23	23
Kohát	...	9	28	26
D. I. Khan	...	10	27	28

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE DISTRICT

1	8			9			10			11		
	QUANTITIES PER RUPEE											
	Mandwa, Marua or Ragi (Eleusine Corocana).			Kangni or Kakun, Italian Millet (Sitaria Italica).			Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).			Maize (Zea Mays).		
DISTRICTS.	Present fortnight ending 15th May 1898.	Past fortnight ending 30th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th May 1898.	Past fortnight ending 30th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th May 1898.	Past fortnight ending 30th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th May 1898.	Past fortnight ending 30th April 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	25	25	11	†	†	[illegible]
Rohtak ...	†	†	†	10	10	10	21	22	10	18	18	[illegible]
Gurgaon ...	†	†	†	†	†	†	20	20	11	16	16	[illegible]
Delhi ...	†	†	†	13	13	8	19	20	11	23	22	[illegible]
Karnál ...	24	24	10	8	8	8	19	20	10	24	20	[illegible]
Umballa ...	§	§	11	16	16	‡	20	20	11	27	28	[illegible]
Simla ...	14	14	§	8	8	8	14	15	9	19	19	[illegible]
Kángra ...	§	§	‡	‡	‡	§	14	14	11	22	23	[illegible]
Hoshiárpur ...	21	21	§	12	12	9	21	21	13	26	26	[illegible]
Jullundur ...	§	§	§	16	16	10	22	21	13	24	27	[illegible]
Ludhiána ...	†	†	†	6	15	6	23	20	12	28	28	[illegible]
Ferozepore ...	†	†	§	18	18	6	22	21	11	25	26	[illegible]
Mooltan ...	†	†	†	12	12	6	18	19	8	19	18	[illegible]
Jhang ...	24	17	8	28	20	10	17	19	10	20	26	9
Montgomery ...	§	‡	§	§	‡	†	19	19	11	§	‡	[illegible]
Lahore ...	§	§	§	23	21	7	19	20	12	28	26	7
Amritsar ...	§	†	§	17	17	7	20	20	12	23	26	6
Gurdáspur ...	§	§	14	12	12	10	21	21	13	25	25	14
Siálkot ...	§	§	§	§	§	§	18	20	12	22	24	§
Gujrát ...	†	†	†	6	6	‡	17	17	12	20	20	9
Gujránwála ...	†	†	†	16	16	7	20	21	12	20	20	[illegible]
Shahpur ...	24	20	6	20	20	6	25	26	14	16	16	8
Jhelum ..	‡	‡	‡	‡	‡	‡	19	19	12	23	23	10
Ráwalpindi ...	‡	‡	‡	11	12	10	18	18	12	23	27	15
Hazára ...	†	†	†	§	§	§	15	13	11	21	21	9
Pesháwar ...	†	†	†	17	18	7	15	16	12	26	27	[illegible]
Kohát ...	†	†	†	§	§	§	18	21	13	24	27	14
Bannu ...	13	...	8	7	...	8	24	...	17	45	...	15
D. I. Khan ...	§	§	§	§	§	4	20	25	14	30	31	10
D. G. Khan ...	§	§	§	§	§	§	16	15	11	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	16	17	11	§	§	§

† Not pro
‡ Not sold.
§ Not pra

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH MAY 1898—continued.

12			13			1
THE ORDINARY SEER OF 80 TOLAS.						
Arhur or Thur, Cadjan Pea (Cajanus Indicus).			*Firewood.*			
Present fortnight ending 15th May 1898.	Past fortnight ending 30th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th May 1898.	Past fortnight ending 30th April 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
†	†	†	100	120	100	Hissar.
10	10	10	100	100	120	Rohtak.
16	16	11	140	140	140	Gurgaon.
19	17	12	90	90	100	Delhi.
15	16	8	160	160	160	Karnál.
§	§	§	150	140	150	Umballa.
7	7	7	65	80	80	Simla.
12	12	10	100	100	100	Kángra.
8	8	8	110	110	130	Hoshiárpur.
§	§	§	100	100	110	Jullundur.
9	9	7	100	100	110	Ludhiána.
7	7	6	90	90	110	Ferozepore.
†	†	†	100	100	110	Mooltan.
8	8	7	160	160	160	Jhang.
§	‡	6	250	260	310	Montgomery.
9	9	7	89	89	105	Lahore.
‡	§	§	90	100	110	Amritsar.
§	§	§	100	100	120	Gurdáspur.
§	§	§	130	120	130	Siálkot.
†	†	†	140	140	110	Gujrát.
‡	‡	†	90	95	90	Gujránwála.
†	†	†	160	160	160	Shahpur.
‡	‡	‡	120	120	120	Jhelum.
‡	‡	‡	65	65	95	Ráwalpindi.
	†	†	81	100	81	Hazára.
12	13	11	50	56	83	Pesháwar.
†	†	†	102	102	128	Kohát.
5	...	7	70	...	74	Bannu.
6	7	4	125	125	125	D. I. Khan.
§	§	§	100	100	100	D. G. Khan.
6	7	§	140	140	140	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Gram.—Prices average 19 seers as compared with 20 seers in last fortnight and 12 seers in corresponding period of 1807. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Hissar ...	11	25	25
Ferozepore ...	11	21	2[illegible]
Mooltan ...	8	19	18
Shahpur ...	14	26	25
Kohát ...	13	21	18
D. I. Khan ...	14	25	20

Maize.—Prices average 24 seers as compared with 23 seers in last fortnight and 11 seers in corresponding period of 1807. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Umballa ...	12	28	27
Ludhiána ...	12	28	28
Lahore ...	7	26	28
Jhelum ...	10	23	23
Pesháwar ...	12	27	26
D. I. Khan ...	10	31	30

duced.

curable.

QUANTITIES PER RUPEE BY

Salt.

Districts.	Present fortnight ending 15th May 1898 — Wholesale.	Present fortnight ending 15th May 1898 — Retail.	Past fortnight ending 30th April 1898. — Wholesale	Past fortnight ending 30th April 1898. — Retail.	Corresponding fortnight of 1897. — Wholesale.	Corresponding fortnight of 1897. — Retail.
	Srs C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 4	11 0	11 4	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 4	12 0	12 0	11 0
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 12
Simla	9 0	8 8	9 0	8 8	9 12	9 0
Kángra	*	10 0	*	10 8	*	11 0
Hoshiárpur	13 0	12 12	13 0	12 0	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	12 0	13 0	12 0	13 4	12 8
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	12 12	12 4	12 4	12 4	13 0	12 8
Jhang	12 8	12 0	12 4	12 0	12 12	12 4
Montgomery	13 12	13 8	12 12	12 8	12 12	12 8
Lahore	13 10	13 2	13 10	13 2	13 10	12 14
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 8
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	14 0	13 8	14 0	14 0	13 14	13 12
Shahpur	13 8	13 0	13 8	13 0	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	13 12	14 0	13 12	13 14	13 12
Hazára	*	11 8	*	11 8	*	11 8
Peshâwar	16 0	15 0	17 0	16 0	17 0	16 0
Kohát	19 2	16 10	19 2	16 10	20 12	18 0
Bannu	22 8	20 0	...	...	21 0	20 0
D. I. Khan	12 4	12 2	14 5	14 4	16 4	15 8
D. G. Khan	11 4	10 0	15 11	15 11	14 6	13 2
Muzaffargarh	*	12 0	*	21 8	12 0	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH MAY 1898—concluded.

15			16.			1	
THE ORDINARY SEER OF 80 TOLAS.							
Gur.			*Cotton (unginned).*				
Present fortnight ending 15th May 1898.	Past fortnight ending 30th April 1898	Corresponding fortnight of 1897.	Present fortnight ending 15th May 1898.	Past fortnight ending 30th April 1898.	Corresponding fortnight of 1897.	DISTRICTS	REMARKS ON CURRENT VARIATIONS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.		
11 0	10 0	9 0	7 8	7 8	7 8	Hissar.	
12 0	12 0	12 0	10 0	10 0	9 0	Rohtak.	
10 8	11 0	11 0	9 0	9 0	9 0	Gurgaon.	
9 0	9 0	9 0	9 8	9 8	9 0	Delhi.	
11 0	12 0	10 0	11 0	11 0	10 0	Karnál.	
9 0	9 8	10 0	8 0	10 0	8 0	Umballa.	
6 8	6 8	7 0	†	†	†	Simla.	
7 0	7 0	7 0	6 0	6 0	6 0	Kángra.	
7 8	8 0	9 0	9 0	9 0	8 0	Hoshiárpur.	
9 0	9 0	8 8	11 0	11 0	9 8	Jullundur.	
7 0	7 8	7 0	8 8	8 0	7 8	Ludhiána.	
7 12	7 12	8 12	8 12	8 12	8 4	Ferozepore.	
7 8	9 0	7 0	9 0	9 0	7 8	Mooltan.	
8 8	8 8	8 8	12 8	11 0	8 4	Jhang.	
8 12	8 10	8 8	10 0	10 0	8 0	Montgomery.	
8 2	8 2	8 14	9 8	9 6	7 12	Lahore.	
8 8	8 8	9 12	9 12	9 4	8 4	Amritsar.	
9 0	9 0	10 0	9 0	9 0	8 0	Gurdáspur.	
8 8	8 8	9 8	8 0	8 0	8 0	Siálkot.	
8 0	8 0	8 0	9 0	9 0	9 0	Gujrát.	
8 8	8 4	9 0	10 0	10 0	9 0	Gujránwála.	
8 0	8 8	8 8	9 0	9 0	10 0	Shahpur.	
8 4	8 4	9 4	‡	‡	‡	Jhelum.	
8 4	8 4	9 4	8 12	8 12	8 12	Ráwalpindi.	
6	7 4	7 0	§	§	§	Hazára.	
6 11	6 6	7 6	9 0	9 2	9 10	Peshâwar.	
7 8	7 8	8 7	11 8	11 8	11 8	Kohát.	
11 14	...	11 8	8 12	...	10 0	Bannu.	
9 2	8 2	9 10	‡	‡	10 0	D. I. Khan.	
6 9	6 14	6 14	11 4	11 4	§	D. G. Khan	
7 8	7 8	9 0	11 0	10 0	8 0	Muzaffargarh.	

sale salt sold,
duced.

curable.

GOVIND RAM, *Offg. Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

... OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
... ...	2 8 0	3 10 2	2 15 5	1 9 7	1 13 1	1 11 10	1 11 10	2 0 10	3 5 4	4 7 1	3 3 [illegible]
...epore ...	2 0 0	6 10 8	2 10 8	1 9 4	2 1 8	2 0 0	1 9 7	1 13 1	5 11 5	4 7 1	5 0 [illegible]
...n	1 6 1	2 12 1	3 3 2	1 13 1	2 5 7	1 13 1	2 1 8	2 3 0	...	4 3 4	3 10 [illegible]
... ...	2 7 9	4 3 4	2 10 0	1 8 5	2 3 4	2 3 6	1 6 6	2 7 0	4 1 8	3 10 2	3 4 [illegible]
...ar	2 8 0	4 7 1	2 10 0	1 10 8	...	...	...	1 14 8	...	3 4 3	3 5 4
...pindi ...	1 7 8	5 5 1	2 10 0	1 5 6	1 7 8	1 14 6	1 11 9	2 3 6	5 0 0	3 3 2	3 12 [illegible]

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH MAY 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
…R 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.
20 0 0	5 0 0	4 5 3	10 10 8	34 9 6	3 7 8	8 0 0	11 6 10	...	0 10 8	0 10 8	0 7 1	125	60 0 0
5 11 5	5 0 0	5 0 0	13 0 0	34 0 0	3 5 4	5 0 0	11 6 10	30 0 0	0 5 3	0 5 3	1 8 0	75	50 0 0
6 10 8	5 0 0	11 13 7	11 2 7	35 8 10	3 10 2	10 0 0	12 5 4	...	0 4 11	0 6 4	0 10 8	70	50 0 0
4 11 3	4 7 1	4 12 5	12 4 11	33 11 0	3 0 6	5 11 5	12 4 11	31 0 0	1 0 0	0 6 5	...	105	100 0 0
4 7 1	4 7 1	4 9 2	12 4 11	...	2 14 7	...	...	...	...	0 5 8	...	...	...
5 8 0	4 0 0	4 10 0	13 5 4	32 0 0	3 0 3	4 0 0	10 0 0	32 0 0	0 8 0	0 8 0	0 10 8	60	60 0 0

GOVIND RAM, *Offg. Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

TABLE OF RAINFALL RECORDED AT STATIONS IN THE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, South.	Hissar.	Sirsa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fatahabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hissar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hansi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Budhlada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jind State.	Dhaneta *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Safidan *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	...	...	...
		Jind *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bikaner State.	Chhani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ferozepore.	Moga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Zira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ferozepore Sadr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ferozepore City	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muktsar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fazilka	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nathana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jalalabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Govindgarh *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phidda *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Montgomery.	Gugera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Montgomery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakpattan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dipalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	...	...	...	...	...
		Sandyanwala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Central.	Gurgaon.	Farukhnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	...	...
		Jatusana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rewari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	...	...	...	...	...
		Shahjahanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tauru	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nuh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Firozpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	...	...	...	...
		Hodal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hattin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sohna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gurgaon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Punahana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rohtak.	Rohtak	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·60	...	...	...	...	...
		Sampla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhajjar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·75	...	...	...	...	...
	Delhi.	Ballabgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahrauli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·32	...	...	...	...	...
		Sadr (Delhi)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sonepat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

PUNJAB FOR THE MONTH OF APRIL 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 30th April 1898.	Average rainfall from 1st October 1897 up to 30th April 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...		0	0·6	0	0·30	0	1·39	2·50	Sirsa	Hissar.	Punjab, South.
...	...	...	...	..	...	...	...	...		0	0·8	0	0·33	0	1·14	2·65	Fatahabad		
...	...	...		...	...	...	...	...		0	0·5	0	0·22	0	1·78	2·59	**Hissar**		
...	...	...		...	...	...	...	...		0	0·7	0	0·39	0	1·11	2·38	Hansi		
...	...	...		...	...	...	...	...		0	0·8	0	0·29	0	1·81	1·97	Bhiwani		
...	...	..		...	...	...	...	...		0	?	0	?	0	1·94	?	Budhlada		
...	...	...		..	...	...	...	...		0	?	0	?	0	2·29	?	Tohana		
...	...	...	..	...	...	...	...	...		0	?	0	?	0	1·29	?	Dhaneta *C*	Jind State.	
...	...	..	..	...	...	...	...	...		1	?	0·10	?	0 10	2·60	?	Safidan *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	1·00	?	Jind *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	1·80	?	Chhani *C*	Bikaner State.	
...	...	...	...	...	...	...	...	...		0	0·7	0	0·35	0	4·92	2·49	Moga	Ferozepore.	
...	...	...	...	...	...	...	...	...		0	0·9	0	0·44	0	5·22	2·91	Zira		
...	...	...	...	...	...	...	...	...		0	1·1	0	0·64	0	4·79	3·31	**Ferozepore Sadr**		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	5 80	?	Ferozepore City		
...	...	...	...	...	...	...	...	...		0	0·5	0	0·19	0	2·83	1·34	Muktsar		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	2·13	?	Fazilka		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	2·46	?	Nathana		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	1·90	?	Jalalabad		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	1·40	?	Govindgarh *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	2·00	?	Phidda *C*		
...	...	...	...	...	...	...	...	...		0	0·6	0	0·30	0	3·02	1·76	Gugera	Montgomery.	
...	...	...	...	...	...	...	...	...		0	0·7	0	0·15	0	1·61	1 83	Montgomery		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·12	0	0·87	1·30	Pakpattan		
...	...	...	...	...	...	...	...	...		0	0·7	0·07	0·23	0·07	2·96	1·67	Dipalpur		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Sandyanwala *C*		
...	...	...	...	...	...	...	...	...		0	?	0·05	?	0·05	1·70	?	Farukhnagar	Gurgaon.	Punjab, Central.
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0·50	?	Jatusana		
...	...	...	...	...	...	...	...	...		0	0·4	0·07	0·09	0·07	1·88	1·73	Rewari		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	1 56	?	Shahjahanpur		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	3·17	?	Tauru		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·14	0	2·37	1·81	Nuh		
...	...	...	...	...	...	...	...	...		0	0·4	0·06	0·12	0·06	2·36	1·12	Firozpur		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	2·55	?	Hodal		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	3·29	?	Hattin		
...	...	...	...	...	...	...	...	...		0	0·7	0	0·31	0	3·53	2·35	Palwal		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	2·30	?	Sohna		
...	...	...	...	...	...	...	...	...		0	0·5	0	0·13	0	2·11	2 52	**Gurgaon**		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	2·92	?	Punahana		
...	...	...	...	...	...	...	...	...		0	0·7	0	0·22	0	1·40	2·48	**Rohtak**	Rohtak.	
...	...	...	...	...	...	...	...	...		1	0·9	0·60	0·42	0·60	2·15	2·83	Gohana		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·23	0	2·02	2·23	Sampla		
...	...	...	...	...	...	...	...	...		1	0·8	0·75	0·35	0·75	2·23	2·19	Jhajjar		
...	...	...	...	...	...	...	...	...		0	0·6	0	0·11	0	2·87	2·10	Ballabgarh	Delhi.	
...	...	...	...	...	...	...	...	...		1	?	0·32	?	0·32	2·77	?	Mahrauli		
...	...	...	...	...	...	...	...	...		0	0·9	0	0 28	0	2·86	3·25	**Sadr (Delhi)**		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·19	0	2·30	2·55	Sonepat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Central—*concluded.*	Karnal.	Panipat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Karnal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajaund ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kaithal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gulah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Thansear ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lahore.	Van *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chunian ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kasur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pambe *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sharakpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Niaz Beg *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lahore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Meean Meer *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manihala *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dafthu *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nijabat *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Submontane.	Umballa.	Jagadhri ...	Statement not received.																				
		Umballa ...																					
		Naraingarh ...																					
		Kharar ...																					
		Rupar ...																					
		Dadupur *C* ...																					
	Patiala State.	Kotra *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jodhpur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raniki *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lehal *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujran *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barthala *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...	...
	Nabha State.	Dadahur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bundher *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ludhiana.	Samrala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	...	...	...	...
		Ludhiana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jagraon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jullundur.	**Jullundur** ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nakodar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phillour ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nawashahr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of April 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 30th April 1898.	Average rainfall from 1st October 1897 up to 30th April 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...		0	0·5	0	0·38	0	3·10	2·87	Panipat	Karnal.	Punjab, Central—*concluded*.
...	...	...	...	...	...	...	...	...		0	1·1	0	0·57	0	5·94	4·59	**Karnal**		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	1·52	?	Rajaund		
...	...	...	...	...	...	...	...	...		0	0·5	0	0·23	0	2·19	2·59	Kaithal		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	3·62	?	Gulah		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·18	0	6·81	3·47	Thanesar		
...	...	...	...	...	...	...	...	...		0	1·4	0	0·64	0	4·70	3·28	Van *C*	Lahore.	
...	...	...	...	...	...	...	...	...		0	0·7	0	0·50	0	4·17	2·16	Chunian		
...	...	...	...	...	...	...	...	...		0	0·7	0	0·36	0	4·81	2·06	Kasur		
...	...	...	...	...	...	...	...	...		0	1·5	0	0·54	0	4·90	3·02	Pambe *C*		
...	...	...	...	...	...	...	...	...		0	1·0	0	0·31	0	4·04	2·10	Sharakpur		
...	...	...	...	...	...	...	...	...		0	1·2	0	0·70	0	3·83	4·42	Niaz Beg *C*		
...	...	...	...	...	...	...	...	...		0	0·9	0	0·37	0	5·62	3·44	**Lahore**		
...	...	...	...	...	...	...	...	...		0	1·5	0	0·68	0	5·80	5·07	Meean Meer *C*		
...	...	...	...	...	...	...	...	...		0	0·6	0	0·18	0	4·05	3·00	Manihala *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	3·30	?	Dafthu *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	2·24	?	Nijabat *C*		
																	Jagadhri	Umballa.	Punjab, Submontane.
																	Umballa		
																	Naraingarh		
																	Kharar		
																	Rupar		
																	Dadupur *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	1·07	?	Kotra *C*	Patiala State.	
...	...	...	...	...	...	...	...	...		0	?	0	?	0	1·62	?	Jodhpur *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	3·55	?	Raniki *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	2·49	?	Lehal *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	3·00	?	Gujran *C*		
...	...	...	...	...	...	...	...	...		0	?	0·03	?	0·03	4·21	?	Barthala *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	4·00	?	Dadahur *C*	Nabha State.	
...	...	...	...	...	...	...	...	...		0	?	0	?	0	2·16	?	Bundher *C*		
...	...	...	...	...	...	...	...	...		0	1·2	0·06	0·56	0·06	4·71	4·07	Samrala	Ludhiana.	
...	...	...	...	...	...	...	...	...		0	0·4	0	0·64	0	4·16	4·79	**Ludhiana**		
...	...	...	...	...	...	...	...	...		0	0·7	0	0·34	0	4·83	2·78	Jagraon		
...	...	...	...	...	...	...	...	...		0	1·0	0	0·44	0	4·19	4·97	**Jullundur**	Jullundur.	
...	...	...	...	...	...	...	...	...		0	1·3	0	0·64	0	5·64	3·92	Nakodar		
...	...	...	...	...	...	...	...	...		0	1·7	0	0·73	0	4·88	4·39	Phillour		
...	...	...	...	...	...	...	...	...		0	1·1	0	0·58	0	6·71	5·24	Nawashahr		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Submontane—concluded.	Hoshiarpur.	Dasuya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Una ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	...	...
		Garhshankar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·12	...	...	...	...	...	...
		Sadr Station ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hoshiarpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gurdaspur.	Aliwal *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Batala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tibri *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gurdaspur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pathankot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dalhousie ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·36	...	...	...	...	...	R.	...
		Madhopur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shakargarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Amritsar.	Buchar *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khara *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tarn Taran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raya *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Amritsar Jail Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Amritsar *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Buggeh *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ajnala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Hill Division.	Simla.	Kasauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·45	...	...	...	...	...	...
		Barauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·88	...	...	...	...	...	...
		Simla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·01	0·88	...	...	...	...	...
		Kot Khai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·65	...	...	...	...	...	...
		Kotgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·35	...	...	...	...	...	...
		Kilba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·48	0·40	...	...	...	...	...
Punjab, North-West	Kangra.	Plach ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	0·03	...	...	...	...
		Kulu ...	...	...	...	...	...	...	0·02	...	...	...	...	...	...	...	0·20	0·12	0·07	...	...	...	...
		Nagar ...	...	...	...	...	...	...	0·04	...	...	...	...	...	...	...	0·30	0·10	...	...	...	...	...
		Palampur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·14	...	...	...	...	...	...
		Hamirpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	...	...	...	...	...	...
		Dera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kangra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	0·16	...	...	...	...	...
		Dharmsala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nurpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gujranwala.	Ramnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Wazirabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujranwala Sadr Kacheri.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shekhupura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hafizabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khangah Dogran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rampur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pacca Dalla *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Firoz *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sialkot.	Zafarwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pasrur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daska ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sialkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...	...

Punjab for the month of April 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 30th April 1898.	Average rainfall from 1st October 1897 up to 30th April 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...		0	2·1	0	0·84	0	6·38	6·98	Dasuya	Hoshiarpur.	Punjab, Submontane—*concluded.*
...	...	...	...	...	...	...	...	...		0	1·7	0·02	0·67	0·02	6·63	5·79	Una		
...	...	...	...	...	...	...	...	...		1	1·3	0·12	0·77	0·12	7·9	6·01	Garhshankar		
...	...	...	...	...	...	...	...	...		0	1·4	0	0·56	0	6·17	6·62	**Sadr Station**		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	6·09	?	Hoshiarpur		
...	...	...	...	...	...	...	...	...		0	1·8	0	0·59	0	4·58	4·59	Aliwal *C*	Gurdaspur.	
...	...	...	...	...	...	...	...	...		0	1·3	0	1·50	0	4·33	6·03	Batala		
...	...	...	...	...	...	...	...	...		0	1·7	0	0·59	0	6·20	6·36	Tibri *C*		
...	...	...	...	...	...	...	...	...		0	1·1	0	0·45	0	7·35	5·88	**Gurdaspur**		
...	...	...	...	...	...	...	...	...		0	0·9	0	0·63	0	6·91	8·78	Pathankot		
...	...	...	...	...	...	...	...	...		1	3·6	0·36	2·94	0·36	13·70	16·26	Dalhousie		
...	...	...	...	...	...	...	...	...		0	3·0	0	0·97	0	6·40	11·59	Madhopur *C*		
...	...	...	...	...	...	...	...	...		0	1·4	0	0·65	0	6·04	7·57	Shakargarh		
...	...	...	...	...	...	...	...	...		0	1·9	0	0·62	0	5·93	4·68	Buchar *C*	Amritsar.	
...	...	...	...	...	...	...	...	...		0	0·8	0	0·38	0	5·48	2·76	Khara *C*		
...	...	...	...	...	...	...	...	...		0	0·9	0	0·43	0	5·42	3·94	Tarn Taran		
...	...	...	...	...	...	...	...	...		0	1·0	0	0·54	0	4·44	5·13	Raya *C*		
...	...	...	...	...	...	...	...	...		0	1·6	0	0·60	0	5·54	5·12	**Amritsar Jail Hospital.**		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	6·40	?	Amritsar *C*		
...	...	...	...	...	...	...	...	...		0	1·1	0	0·32	0	8·10	4·28	Buggeh *C*		
...	...	...	...	...	...	...	...	...		0	1·2	0	0·26	0	6·13	3·35	Ajnala		
...	...	...	...	...	...	...	...	...		1	3·0	0·45	1·47	0·45	6·70	9·43	Kasauli	Simla.	Punjab, Hill Division.
...	...	...	...	...	...	...	...	...		1	3·0	0·88	1·82	0·88	6·64	9·78	Barauli		
...	...	...	...	...	...	...	...	...		1	3·7	0·89	3·34	0·88	7·73	11·76	**Simla**		
...	...	...	...	...	...	...	...	...		1	4·2	0·65	3·41	0·65	5·77	14·29	Kot Khai		
...	...	...	...	...	...	...	...	...		1	3·7	0·35	4·56	0·35	6·17	16·52	Kotgarh		
...	...	...	...	...	...	...	...	...		2	8·5	0·88	4·79	0·48	7·12	26·10	Kilba		
...	...	...	...	...	...	...	...	...		1	3·8	0·18	2·31	0·15	8·49	13·60	Plach	Kangra.	Punjab, North-West.
...	...	...	...	...	...	...	...	...		2	5·4	0·41	3·32	0·20	10·85	20·78	Kulu		
...	...	...	...	...	...	...	...	...		2	4·6	0·44	2·56	0·30	10·64	15·66	Nagar		
...	...	...	...	...	...	...	...	...		1	2·5	0·14	1·47	0·14	8·34	18·82	Palampur		
...	...	...	...	...	...	...	...	...		0	1·4	0·07	0·99	0·07	6·99	9·81	Hamirpur		
...	...	...	...	...	...	...	...	...		0	1·5	0	1·12	0	5·02	10·36	Dera		
...	...	...	...	...	...	...	...	...		1	1·6	0·19	0·67	0·16	6·29	10·66	Kangra		
...	...	...	...	...	...	...	...	...		0	4·9	0	1·87	0	11·81	17·53	**Dharmsala**		
...	...	...	...	...	...	...	...	...		0	1·3	0	1·10	0	5·56	13·89	Nurpur		
...	...	...	...	...	...	...	...	...		0	0·8	0	0·38	0	5·84	3·40	Ramnagar	Gujranwala.	
...	...	...	...	...	...	...	...	...		0	1·1	0	0·67	0	5·86	5·24	Wazirabad		
...	...	...	...	...	...	...	...	...		0	1·6	0	0·70	0	4·68	5·56	**Gujranwala Sadr Kacheri.**		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·21	0	5·47	2·35	Shekhupura		
...	...	...	...	...	...	...	...	...		0	1·4	0	1·00	0	6·86	4·79	Hafizabad		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	6·76	?	Khangah Dogran		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	5·00	?	Rampur *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	4·10	?	Pacca Dalla *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	3·80	?	Firoz *C*		
...	...	...	...	...	...	...	...	...		0	1·1	0	0·69	0	5·22	6·39	Zafarwal	Sialkot.	
...	...	...	...	...	...	...	...	...		0	1·4	0	1·52	0	5·56	7·37	Pasrur		
...	...	...	...	...	...	...	...	...		0	0·6	0	0·46	0	6·19	4·49	Raya		
...	...	...	...	...	...	...	...	...		0	1·0	0	0·84	0	6·76	5·78	Daska		
...	...	...	...	...	...	...	...	...		0	2·0	0·03	1·71	0·03	5·92	7·58	**Sialkot**		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, North-West—*concluded.*	Gujrat.	Sadr (Gujrat) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kharian ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·01	...	...	...	...	...
	Jhelum.	Pind Dadan Khan...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr Station (Jhelum)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chakwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Talagang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi.	Pindigheb ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fatahjang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Attock ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rawalpindi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujar Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kahuta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	...	...	...	...	...	...
		Murree ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·38	...	...	...	...	...	...	...
	Peshawar.	Swabi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...	...	...	...
		Lahor (Utman Bolak)	...	...	...	...	...	...	0·16	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nowshera ...	...	...	...	...	...	...	0·41	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mardan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·17	...	0·21	...	...	...	...	...
		Katlang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hashtnagar (Charsadda.)	...	...	...	...	...	...	0·74	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nabakki ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Peshawar ...	...	...	...	...	0·12	0·07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Abazai *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khan Mahi *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Para Chinar (Kurram)	Statement not received.																				
	Hazara.	Abbott-abad ...	...	...	0·09	...	...	0·07	0·17	...	...	...	...	...	...	1·41	...	0·13	...	...	...	...	0·07
		Mansahra ...	...	...	...	...	...	...	0·25	...	...	...	...	...	...	0·72	...	...	...	...	...	...	...
		Haripur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·48	...	0·40	...	...	...	...	...
	Kohat.	Kohat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hangu ...	...	...	...	...	0·19	0·16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Thal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banda Daud Shah...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khushalgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, West.	Bannu.	Mianwali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Isa Khel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bannu ...	...	...	...	...	...	...	0·11	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Marwat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of April 1898—**continued.**

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 30th April 1898.	Average rainfall from 1st October 1897 up to 30th April 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...		0	2·3	0	1·12	0	6·13	7·64	**Sadr (Gujrat)**	Gujrat.	Punjab, North-West—*concluded.*
...	...	...	...	...	...	...	...	...		0	2·5	0	0·83	0	5·85	7·18	Kharian		
...	...	...	...	...	...	...	...	...		0	2·2	0·01	0·95	0·01	4·25	5·60	Phalia		
...	...	...	...	...	...	...	...	...		0	1·7	0	0·61	0	5·25	4·79	Pind Dadan Khan	Jhelum.	
...	...	...	...	...	...	...	...	...		0	2·6	0	0·93	0	7·33	6·42	**Sadr Station (Jhelum)**		
...	...	...	...	...	...	...	...	...		0	2·4	0	0·78	0	5·80	5·01	Chakwal		
...	...	...	...	...	...	...	...	...		0	[illegible]4	0	1·03	0	4·25	5·85	Talagang		
...	...	...	...	...	...	...	...	...		0	2·7	0	1·40	0	5·55	6·41	Pindigheb	Rawalpindi.	
...	...	...	...	...	...	...	...	...		0	2·1	0	0·78	0	6·95	7·77	Fatahjang		
...	...	...	...	...	...	...	...	...		0	2·3	0	0·89	0	7·42	7·40	Attock		
...	...	...	...	...	...	...	...	...		0	3·3	0	2·00	0	6·63	10·87	**Rawalpindi**		
...	...	...	...	...	...	...	...	...		0	1·1	0	0·70	0	6·13	8·23	Gujar Khan		
...	...	...	...	...	...	...	...	...		0	1·8	0·06	0·96	0·06	6·60	9·65	Kahuta		
...	0·11	...	...	...	...	...	...	...		2	4·1	0·49	3·07	0·38	13·42	12·60	Murree		
...	...	...	...	...	...	...	...	...		1	1·8	0·15	1·35	0·15	8·82	7·23	Swabi	Peshawar.	
...	...	...	...	...	...	...	...	...		1	1·8	0·16	1·49	0·16	6·02	7·50	Lahor (Utman Bolak)		
...	...	...	...	...	...	...	...	...		1	1·9	0·41	1·21	0·41	7·09	7·36	Nowshera		
...	0·03	...	...	...	...	...	...	...		2	2·4	0·41	1·28	0·21	7·72	7·94	Mardan		
...	...	...	...	...	...	...	...	...		0	1·5	0	1·02	0	3·99	6·29	Katlang		
...	...	...	...	...	...	...	...	...		1	1·3	0·74	0·83	0·74	6·50	6·00	Hashtnagar (Charsadda.)		
...	...	...	...	...	...	...	...	...		0	1·9	0	1·65	0	6·22	7·60	Nabakki		
...	...	...	...	...	...	...	...	...		1	3·4	0·19	1·68	0·12	5·96	7·10	**Peshawar**		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	5·35	?	Abazai *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	3·20	?	Khan Mahi *C*		
																	Para Chinar (Kurram)		
...	...	0·08	...	...	...	...	...	...		3	5·8	2·02	3·27	1·41	15·65	18·09	**Abbott-abad**	Hazara.	
...	0·07	0·10	...	...	...	...	...	...		3	4·7	1·14	3·15	0·72	12·30	18·02	Mansahra		
...	...	...	...	...	...	...	...	...		2	3·7	0·88	2·28	0·48	7·10	13·52	Haripur		
...	...	...	...	...	...	...	...	...		0	3·6	0	1·45	0	5·94	7·76	**Kohat**	Kohat.	
...	...	...	...	...	...	...	...	...		2	?	0·35	?	0·19	7·34	?	Hangu		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	7·12	?	Thal		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	5·24	?	Banda Daud Shah		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0·13	?	Khushalgarh		
...	...	...	...	...	...	...	...	...		0	1·7	0	0·95	0	4·16	3·45	Mianwali	Bannu.	Punjab, West.
...	...	...	...	...	...	...	...	...		0	1·8	0	0·98	0	4·81	3·77	Isa Khel		
...	...	...	...	...	...	...	...	...		1	2·1	0·11	1·14	0·11	4·57	4·42	**Bannu**		
...	...	...	...	...	...	...	...	...		0	2·0	0	0·62	0	3·34	3·93	Marwat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab West—*concluded.*	Shahpur.	Midh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sahiwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nurpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mitha Tiwana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sakesar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naushahra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khushab ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shahpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Miani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhang.	Shorkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chiniot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Badwali *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	...	...	...
		Tarkhani *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muridwala *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khewra *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Laklani *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lyallpur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan.	Tank ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kulachi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera Ismail Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhakkar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Leiah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shekh Budin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. G. Khan.	Sanghar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera Ghazi Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fort Munro ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jampur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muzaffargarh.	Alipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muzaffargarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sinanwan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mooltan.	Mailsi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lodhran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shujabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mooltan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kabirwala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NOTE—R denotes
D do.
T do.
H do.
S do.

Punjab for the month of April **1898—concluded.**

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 30th April 1898.	Average rainfall from 1st October 1897 up to 30th April 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...		0	0·4	0	0·14	0	4·00	4·02	Midh	Shahpur.	Punjab West—*concluded*.
...	...	...	...	...	...	...	...	...		0	0·8	0	0·70	0	2·50	3·58	Sahiwal		
...	...	...	...	...	...	...	...	...		0	0·6	0	0·10	0	2·65	2·06	Nurpur		
...	...	...	...	...	...	...	...	...		0	1·3	0	0·88	0	1·25	3·36	Mitha Tiwana		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·13	0	9·73	1·10	Sakesar		
...	...	...	...	...	...	...	...	...		0	1·8	0	0·58	0	4·51	4·68	Naushahra		
...	...	...	...	...	...	...	...	...		0	1·3	0	0·60	0	3·49	3·07	Khushab		
...	...	...	...	...	...	...	...	...		**0**	**1·6**	**0**	**0·73**	**0**	**3·85**	**4·31**	**Shahpur**		
...	...	...	...	...	...	...	...	...		0	1·3	0	0·99	0	4·92	4·60	Bhera		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·40	0	4·20	5·12	Miani		
...	...	...	...	...	...	...	...	...		0	0·9	0	0·47	0	2·27	2·13	Shorkot	Jhang.	
...	...	...	...	...	...	...	...	...		**0**	**1·3**	**0**	**0·39**	**0**	**2·20**	**2·18**	**Jhang**		
...	...	...	...	...	...	...	...	...		0	0·9	0	0·53	0	3·54	2·50	Chiniot		
...	...	...	...	...	...	...	...	...		1	?	0·20	?	0·20	3·10	?	Badwali *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	2·35	?	Tarkhani *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	3·19	?	Muridwala *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	2·70	?	Khewra *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	2·60	?	Laklani *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	3·50	?	Lyallpur *C*		
...	...	...	...	...	...	...	...	...		0	1·3	0	0·60	0	2·65	2·31	Tank	D. I. Khan.	
...	...	...	...	...	...	...	...	...		0	0·8	0	0·54	0	2·84	2·31	Kulachi		
...	...	...	...	...	...	...	...	...		**0**	**2·2**	**0**	**0·73**	**0**	**5·04**	**2·97**	**Dera Ismail Khan**		
...	...	...	...	...	...	...	...	...		0	0·8	0	0·58	0	2·40	2·17	Bhakkar		
...	...	...	...	...	...	...	...	...		0	1·0	0	0·61	0	1·70	2·09	Leiah		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	4·85	?	Shekh Budin		
...	...	...	...	...	...	...	...	...		0	1·1	0	0·64	0	1·69	2·04	Sanghar	D. G. Khan.	
...	...	...	...	...	...	...	...	...		**0**	**0·7**	**0**	**0·30**	**0**	**1·25**	**2·29**	**Dera Ghazi Khan**		
...	...	...	...	...	...	...	...	...		0	0·8	0	0·28	0	1·23	1·03	Fort Munro		
...	...	...	...	...	...	...	...	...		0	0·5	0	0·23	0	1·17	1·11	Jampur		
...	...	...	...	...	...	...	...	...		0	0·7	0	0·31	0	0·84	0·83	Rajanpur		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·32	0	2·05	1·32	Alipur	Muzaffargarh.	
...	...	...	...	...	...	...	...	...		**0**	**0·8**	**0**	**0·28**	**0**	**1·86**	**1·34**	**Muzaffargarh**		
...	...	...	...	...	...	...	...	...		0	0·9	0	0·50	0	1·29	1·98	Sinanwan		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·14	0	2·18	0·86	Mailsi	Mooltan.	
...	...	...	...	...	...	...	...	...		0	0·6	0	0·29	0	2·54	1·20	Lodhran		
...	...	...	...	...	...	...	...	...		0	0·7	0	0·17	0	2·04	1·10	Shujabad		
...	...	...	...	...	...	...	...	...		**0**	**0·8**	**0**	**0·20**	**0**	**1·88**	**1·37**	**Mooltan**		
...	...	...	...	...	...	...	...	...		0	0·5	0	0·25	0	1·75	1·37	Kabirwala		

slight rain.
dust storm.
thunder.
hail.
snowfall.

'dhi

Memo. of Errors.

For the month of December 1897.

Against Muridwala (Jhang District) in columns 11, 37, 39 and 40 *read* 0·90 *for* 1·00.

For the month of January 1898.

Against Muridwala (Jhang District) in column 40 *read* 0·90 *for* 1·00.

For the month of February 1898.

Against Muridwala (Jhang District) in column 40 *read* 3·19 *for* 3·29.

For the month of March 1898.

Against Muridwala (Jhang District) in column 40 *read* 3·19 *for* 3·29.

TULSI DAS, *Offg. Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF MARCH 1898.

Month.	Documents registered.			Total collections, inclusive of copying fees.	Total expenditure, inclusive of that paid out of copying fees.	Remarks.
	Compulsory.	Optional.				
		Relating to immoveable property.	Others.			
				Rs.	Rs.	
March 1898	11,688	4,466	943	43,480	12,445	
March 1897	12,558	6,761	1,029	49,226	13,598	
Difference ...	— 870	— 2,295	— 86	— 5,746	— 1,153	
First 12 months of 1897-98 ...	1,12,393	52,456	9,450	4,18,037	1,27,041	
First 12 months of 1896-97 ...	1,05,365	54,356	10,820	4,16,603	1,24,782	
Difference ...	+ 7,028	— 1,900	— 1,370	+ 1,434	+ 2,259	

OFFICE OF INSPR.-GENL. OF REGTN., PUNJAB, LAHORE:
The 5th May 1898.

H. W. WEBB, SUPDT.,
for *Inspector-General of Registration, Punjab.*

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 7TH MAY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	8	1	9	8	6	2	...	...	...	2	...	...	6	2	...	2	28	25	1
2		Hansi ...	15,190	5	2	7	5	1	4	...	...	...	1	...	...	4	...	1	1	24	17	2
3		Bhiwani ...	35,487	5	5	10	22	17	5	...	...	...	8	2	...	12	3	1	4	15	32	3
4		Sirsa ...	16,415	4	3	7	10	4	6	...	...	...	5	...	...	5	...	...	...	22	32	4
5	Rohtak ...	Rohtak ...	16,191	2	5	7	9	7	2	...	...	...	5	...	...	4	3	1	4	23	29	5
6		Jhajjar ...	11,881	3	2	5	3	1	2	...	...	...	1	1	...	1	...	...	...	22	13	6
7	Gurgaon ...	Rewari ...	27,934	3	5	8	9	1	8	...	...	...	5	1	...	3	...	1	1	15	17	7
8		Palwal ...	11,227	3	1	4	7	4	3	...	...	...	7	...	...	...	1	1	2	19	33	8
9	Delhi ...	Delhi ...	189,648	46	31	77	136	76	60	...	...	4	72	3	1	56	22	12	34	21	37	9
10		Sonepat ...	12,611	6	1	7	10	7	3	...	...	...	9	...	...	1	1	...	1	29	41	10
11	Karnal ...	Karnal ...	21,530	2	10	12	18	10	8	...	...	...	11	...	...	7	4	4	8	29	44	11
12		Kaithal ...	15,768	2	4	6	11	7	4	...	...	1	6	2	...	2	3	1	4	20	36	12
13		Panipat ...	27,547	8	10	18	19	13	6	...	...	...	9	...	...	10	6	3	9	34	36	13
14		Shahabad ...	11,473	2	3	5	8	3	5	...	...	...	7	...	...	1	...	...	...	23	36	14
15	Umballa ...	Umballa ...	Returns not received.																			15
16		Jagadhri ...																				16
17		Sadhaura ...																				17
18	Hoshiarpur	Hoshiarpur ...	17,546	4	3	7	14	4	10	...	...	...	8	...	...	6	...	8	8	21	42	18
19		Tanda and Urmar	11 632	1	2	3	3	...	3	...	.	1	2	...	...	...	...	...	...	13	13	19
20	Jullundur ...	Jullundur ...	50,375	11	10	21	32	15	17	...	...	...	14	3	...	15	7	2	9	22	33	20
21		Rahon ...	10,667	1	2	3	5	4	1	...	...	...	1	...	...	4	...	...	...	15	24	21
22		Kartarpur ...	10,441	4	1	5	6	3	3	...	...	...	6	...	...	...	1	2	3	25	30	22
23	dhiana ...	Ludhiana ...	46,024	2	12	14	33	14	19	...	...	...	7	5	1	20	1	3	4	16	37	23
24		Jagraon ...	18,116	7	9	16	12	8	4	...	...	...	7	1	...	4	5	3	8	46	35	24
25	Ferozepore ...	Ferozepore ...	25,337	3	...	3	18	11	7	...	...	...	9	4	...	5	1	1	2	6	37	25
26	Mooltan ...	Mooltan ...	64,265	14	15	29	27	14	13	...	...	...	10	3	...	14	12	7	19	24	22	26
27	Jhang ...	Maghiana ...	13,866	1	3	4	8	4	4	...	...	...	...	...	...	8	1	1	2	15	30	27
28		Chiniot ...	13,476	9	3	12	10	6	4	...	...	...	1	...	...	9	1	2	3	46	39	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of popn.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	31	30	61	84	47	37	..	...	...	55	6	2	21	19	10	29	20	27	29
30		Kasur ...	20,290	5	5	10	13	6	7	..	...	...	8	...	...	5	2	1	3	26	33	30
31		Chunian ...	10,339	1	3	4	17	10	7	..	...	...	3	1	...	13	5	1	6	20	86	31
32	Amritsar ...	Amritsar ...	135,401	30	2	55	122	67	55	.	...	...	69	6	1	46	21	9	30	21	47	32
33	Gurdaspur ...	Batala ...	27,223	2	7	9	14	5	9	..	...	..	9	...	...	5	...	1	1	17	27	33
34	Sialkot ...	Sialkot ...	33,965	1[illegible]	10	24	29	13	16	..	...	1	9	1	1	17	3	4	7	37	45	34
35	Gujrat ...	Gujrat ...	17,671	4	5	9	15	10	5	...	...	...	8	...	...	7	3	...	3	27	44	35
36		Jalalpur ...	11,065	3	4	7	3	1	2	...	...	...	1	...	...	2	...	1	1	33	14	36
37	Gujranwala...	Gujranwala ...	25,892	4	8	12	12	3	9	..	...	...	4	2	...	[illegible]	2	2	4	2[illegible]	24	37
38		Wazirabad ...	15,786	1	3	4	5	2	3	..	...	...	1	...	...	4	1	...	1	13	17	38
39	Shahpur ...	Bhera ...	17,428	5	2	7	3	2	1	..	..	...	1	...	...	2	1	1	2	21	9	39
40	Jhelum ...	Pind Dadan Khan	15,055	4	2	6	12	10	2	..	...	...	9	2	..	1	3	...	3	21	42	40
41	Rawalpindi ...	Rawalpindi ...	38,334	8	5	13	21	11	10	...	...	...	10	1	...	10	4	1	5	18	29	41
42	Peshawar ...	Peshawar ...	63,079	12	9	21	23	12	11	...	...	...	14	2	1	6	1	3	4	17	19	42
43	Kohat ...	Kohat ...	14,347	3	2	5	9	6	3	..	...	...	7	...	...	2	3	...	3	18	33	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	3	6	9	21	10	11	...	...	...	7	4	...	10	2	1	3	22	51	44
45	D. G. Khan ...	Dera Ghazi Khan							Return not received.													45
	Grand Total ...		1,338,546	286	269	555	846	455	391	...	...	7	428	50	7	354	144	89	233	22	33	
	Hill Sanitaria.																					
Simla ...			13,279	4	4	8	7	4	3	..	...	...	5	...	...	2	...	3	3	31	27	
Dharmsala ...			2,778	...	1	1	5	2	3	...	...	...	2	1	...	2	1	...	1	19	94	
Dalhousie ...			807	1	...	1	2	1	1	...	...	...	1	...	...	1	...	...	...	...	...	
Murree ...			1,459	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	71	[illegible]	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 25th May 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 7TH MAY 1898.

Births and Deaths in Municipal Towns.—In the 41 large Municipal towns 555 births were registered (286 males and 269 females), giving a birth-rate of 22 per *mille* of population; 846 deaths were registered (455 males and 391 females), giving a death-rate of 33 per *mille* of population.

[One hundred and three deaths were registered from plague in the Jullundur District and 87 in the Hoshiarpur District during the week.]

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 25th May 1898

Punjab Government Press, Lahore—26-5-98—690.

No. 22 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JUNE 2, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 31st MAY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 16 seers ... Bájra 24 seers. Gram 25 seers.	Extra rabi being harvested ...	Autumn sowings in progress.
2	Delhi ...	...	2. Good ...	Wheat 13½ seers Gram 20 seers. Bájra 23 seers.	Extra spring crop in good condition. Stocks sufficient. Export continues.	Autumn ploughings in progress.
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 18 seers .. Gram 23 seers. Maize 28 seers.	Wheat being bought up for export	Sugarcane crop in good condition.
4	Jullundur ...	...	1. Sufficient ...	Wheat 18 seers ... Gram 22 seers. Maize 24 seers. Barley 24 seers.	Spring threshing continues: outturn good. Extra spring crops being irrigated. Food stocks sufficient.	...
5	Ferozepore ...	...	1. Sufficient ...	...	Food stocks sufficient. Threshing continues. Crops slightly damaged by hail in parts.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
6	Mooltan ...	0·06 in Sadr ...	1. Sufficient ...	Wheat, 2nd quality, 15½ seers.	Crops being threshed. Stocks sufficient.	Autumn sowings commenced.
7	Lahore ...	...	1. Sufficient ...	Wheat 15½ to 17 seers. Maize 28 to 29 seers.	Threshing operations in progress. Extra rabi crops being irrigated. Yield average. Extra rabi crops slightly damaged by hail storm.	Land being prepared for autumn sowings.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 17½ seers... Maize 23 seers.	Harvesting completed. Extra spring crops in good condition. Food stock sufficient.	Sugarcane and cotton crops being nourished.
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 16 to 17 seers. Rice 10 to 11 seers.	Threshing continued: yield average.	Autumn crops promising.
10	Shahpur ...	...	1. Sufficient ...	Wheat 16½ to 19 seers. Bájra 20 to 27 seers.	Wheat being harvested. Locusts seen passing over some places.	...
11	Ráwalpindi ...	0·06 in Pindigheb	1. Sufficient ...	Wheat 16 seers ... Bájra 21 seers. Maize 22 seers.	Threshing in progress: outturn average.	...
12	Pesháwar ...	Drizzling ...	1. Sufficient ... 2. Good.	Wheat $15\frac{1}{16}$ seers Maize 26 seers.	Condition of standing crops generally good. Stocks sufficient.	Cotton and chari being sown.
13	D. I. Khan ...	0·04 at Kuláchi ... 0·05 at Shekh Budín.	1. Sufficient ... 2. Good.	Wheat 17½ seers Bájra 27 seers.	Condition of standing extra spring crops good. Threshing in progress: outturn average.	...

GENERAL REMARKS.

Rainfall.—Slight showers reported from Mooltan, Ráwalpindi, Pesháwar and Dera Ismail Khan.

Prices.—Price of wheat has risen in Jullundur and Dera Ismail Khan, fallen in Delhi, Umballa, Lahore, Amritsar and Siálkot, and remained unchanged elsewhere. Wheat is selling from 13½ to 19, gram 20 to 25, bulrush millet 21 to 27, maize 22 to 29, barley 24, and rice 10 to 11 seers per rupee.

Agricultural operations.—Threshing of spring crops still continues. Ploughings for and sowing of autumn crops commenced.

Crops and outturn.—Standing extra spring crops in good condition. Outturn of spring crops generally reported good to average. Grain still being bought up for export in Delhi and Umballa. Stocks of food grain sufficient.

Damage done to crops.—Locusts seen passing over parts of Shahpur. Crops slightly damaged in parts of Lahore and Ferozepore by hail.

Agricultural stock.—Condition of cattle generally good.

Pasturage.—Fodder sufficient throughout the Province.

TULSI DAS, *Offg. Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 14th May 1898 on 162·24 miles open.

	Coaching Traffic.		*Merchandise and Mineral Traffic.*				*Traffic Train-miles run.*		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	19,383	16,215 15 0	96,188 10	14,212 14 0	80 0 0	30,508 13 0	7,188	4,160	11,348
Or per mile of Railway	...	99 15 2	...	87 9 8	0 7 11	188 0 9	...	...	...
For previous 18 1/7 weeks of half-year	*552,276	*3,89,309 11 0	†18,17,493 20	†2,70,023 7 0	‡1,532 0 0	6,60,865 2 0	139,526	87,104	226,630
Total for 19 1/7 weeks ...	571,659	4,05,525 10 0	19,13,681 30	2,84,236 5 0	1,612 0 0	6,91,373 15 0	146,714	91,264	237,978
COMPARISON.									
Total for corresponding week of previous year ...	17,464½	14,753 7 0	67,007 20	10,014 11 0	32 0 0	24,800 2 0	6,609	3,943	10,552
Per mile of Railway corresponding week of previous year.	...	91 15 0	...	62 6 7	0 3 2	154 8 9	...	...	...
Total for corresponding 19 2/7 weeks of previous year ...	331,212½	2,95,488 8 10	16,58,998 0	2,14,055 4 11	1,208 8 3	5,10,752 6 0	130,526	73,085	203,611

* Added No. of passengers 1,124 and Rs. 3,853 }
† Do. Mds. 2,316 and " 107 } on account of difference between the Approximate and Audited figures for the week ended 2nd April 1898.
‡ Do. " 77 }

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 19th May 1898.

T. BASHFORD,
Acting Chief Auditor.

MORTUARY RETURN FOR

Deaths registered from different causes in each district of

No.	Districts.	Population according to Census of 1891.	Births.	Deaths.	Birth-rate per *mille* per annum.	Death-rate per *mille* per annum.	*Plague.* Males.	*Plague.* Females.	*Plague.* Total.	*Cholera.* Males.	*Cholera.* Females.	*Cholera.* Total.	Small-pox. *Children under one year.* Males.	Small-pox. *Children under one year.* Females.	Small-pox. *One to under 12 years.* Males.	Small-pox. *One to under 12 years.* Females.	Small-pox. *Twelve and over 12 years.* Males.	Small-pox. *Twelve and over 12 years.* Females.	Total of Small-pox.	CAUSES. *Fevers.* Males.	*Fevers.* Females.	*Fevers.* Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	775,808	1,536	1,357	26	23	...	...	...	...	...	...	1	...	2	1	...	...	4	512	475	987
2	Rohtak ...	590,446	1,482	907	33	20	...	...	...	...	...	...	1	...	...	...	...	1	[illegible]	317	296	613
3	Gurgaon ...	668,863	1,950	1,246	38	24	...	...	...	..	...	...	2	1	4	2	...	...	9	481	427	908
4	Delhi ...	635,224	1,658	1,132	34	23	...	...	...	...	...	...	...	...	...	1	..	...	1	324	291	615
5	Karnál ...	861,094	2,293	1,779	35	27	...	...	...	...	...	...	4	4	3	3	...	1	15	699	605	1,304
6	Umballa ...	804,849	2,351	1,474	38	24	...	...	...	...	...	...	2	1	4	2	1	2	12	504	439	943
7	Simla ...	35,246	47	46	17	17	...	...	...	...	...	...	...	...	...	...	...	...	...	7	12	19
8	Kángra ...	759,458	2,024	1,465	35	25	...	...	...	...	...	...	...	...	...	...	..	...	...	483	405	888
9	Hoshiárpur ...	1,011,644	3,273	1,713	42	22	23	10	33	...	...	...	6	3	5	10	3	3	30	378	392	770
10	Jullundur ...	891,347	2,740	1,619	40	24	83	108	191	...	...	...	1	...	2	1	1	...	[illegible]	333	321	654
11	Ludhiána ...	648,655	2,236	1,310	45	27	...	...	...	...	...	...	3	[illegible]	2	[illegible]	..	1	11	341	376	717
12	Ferozepore ...	861,499	3,144	1,816	48	27	...	...	...	...	...	...	...	..	9	5	1	...	[illegible]	552	498	1,050
13	Mooltan ...	620,859	1,646	1,492	34	31	...	...	...	...	...	...	...	...	1	1	...	...	[illegible]	548	495	1,043
14	Jhang ...	436,821	1,646	1,322	49	39	...	...	...	...	...	...	...	1	1	...	...	...	[illegible]	352	329	681
15	Montgomery	499,449	1,206	882	31	23	...	...	...	...	...	...	1	...	10	5	...	...	16	227	248	475
16	Lahore ...	1,055,619	3,591	1,925	44	24	...	...	...	...	...	...	3	4	12	[illegible]	2	2	26	559	522	1,081
17	Amritsar ...	990,990	3,471	1,811	46	24	...	...	...	...	...	...	3	...	11	[illegible]	1	1	18	443	419	862
18	Gurdáspur ...	940,785	3,087	1,601	43	22	...	...	...	...	...	...	...	1	4	1	2	5	[illegible]	472	450	922
19	Siálkot ...	1,098,712	3,770	1,96[illegible]	45	23	...	...	...	...	...	...	13	8	26	18	[illegible]	7	78	601	542	1,143
20	Gujrát ...	760,823	2,066	1,128	35	19	...	...	...	...	...	...	1	..	...	...	...	...	1	401	321	722
21	Gujránwála ...	690,061	2,570	1,496	49	28	...	...	...	...	...	...	1	...	...	...	...	...	1	563	527	1,090
22	Shahpur ...	493,535	1,295	1,097	34	29	...	...	...	...	...	...	...	...	...	...	...	...	...	354	357	711
23	Jhelum ...	605,774	1,543	1,390	33	30	...	...	...	...	...	...	4	[illegible]	2	2	3	...	14	467	417	884
24	Ráwalpindi ...	845,259	2,274	1,930	35	30	...	...	...	...	...	...	3	1	1	3	4	...	12	800	633	1,433
25	Hazára ...	476,125	1,216	867	33	24	...	...	...	...	...	...	1	1	7	13	1	4	27	320	296	616
26	Pesháwar ...	679,183	1,742	1,468	33	28	...	...	...	..	...	...	9	5	8	1	...	...	23	734	526	1,260
27	Kohát ...	182,487	545	654	39	47	...	...	...	...	...	...	1	1	2	3	...	...	7	301	239	540
28	Bannu ...	369,972	1,010	1,315	36	46	...	...	...	...	...	...	...	...	..	...	...	...	...	639	501	1,140
29	D. I. Khan ...	482,463	1,15[illegible]	1,807	31	49	...	...	...	...	...	...	...	...	3	[illegible]	...	...	4	848	674	1,522
30	D. G. Khan ...	399,860	849	910	28	30	...	...	...	...	...	...	1	2	2	2	2	2	11	490	295	785
31	Muzaffargarh	381,072	907	1,037	31	35	...	...	...	...	...	...	1	...	2	...	...	1	4	470	415	885
	TOTAL ...	20,553,982	60,312	41,97[illegible]	38	27	106	118	224	...	...	...	67	38	127	84	27	30	363	14,520	12,743	27,263
	Total in previous month...	...	67,195	58,358	38	33	...	...	...	...	...	...	66	31	95	92	19	20	323	21,368	19,199	40,567
	Total in same month of past year ...	...	75,775	34,550	48	22	...	...	...	...	...	...	437	352	504	504	178	149	2,124	10,290	8,999	19,289

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 25*th May* 1898.

THE MONTH OF FEBRUARY 1898.

the Punjab during the month of February 1898.

OF DEATH.

Dysentery and Diarrhœa.			INJURIES. *Suicide.*			INJURIES. *Wounding.*			INJURIES. *Accidents.*			INJURIES. *Snake-bite and killed by wild beasts.*			*All other causes.*			TOTAL DEATHS FROM ALL CAUSES.			DISTRICTS.	No.
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	1
14	13	27	...	...	...	1	...	1	2	2	4	...	...	...	185	149	334	717	640	1,357	Hissar.	1
9	6	15	1	...	1	...	...	...	...	4	4	2	2	4	147	121	268	477	430	907	Rohtak.	2
15	20	35	...	5	5	1	...	1	5	2	7	...	...	...	138	143	281	646	600	1,246	Gurgaon.	3
14	10	24	...	1	1	...	...	...	5	8	13	...	1	1	266	211	477	609	523	1,132	Delhi.	4
12	11	23	...	1	1	...	...	...	6	7	13	1	...	1	230	192	422	955	824	1,779	Karnál.	5
22	6	28	1	...	1	...	...	...	5	4	9	...	...	...	227	254	481	766	708	1,474	Umballa.	6
1	1	2	...	...	...	1	...	1	...	...	...	...	...	...	16	8	24	25	21	46	Simla.	7
22	17	39	...	...	...	...	...	...	8	5	13	...	...	...	271	254	525	784	681	1,465	Kángra.	8
23	26	49	1	...	1	1	1	2	6	1	7	1	1	2	454	365	819	901	812	1,713	Hoshiárpur.	9
8	5	13	...	...	...	...	...	...	6	2	8	...	...	...	371	377	748	805	814	1,619	Jullundur.	10
13	7	20	1	...	1	1	...	1	7	5	12	...	...	...	273	284	557	641	678	1,319	Ludhiána.	11
30	16	46	1	...	1	2	...	2	5	1	6	...	...	...	340	356	696	940	876	1,816	Ferozepore.	12
9	14	23	...	...	...	...	1	1	10	9	19	...	...	...	215	189	404	783	709	1,492	Mooltan.	13
14	7	21	...	...	...	...	...	...	7	6	13	1	...	1	314	290	604	689	633	1,322	Jhang.	14
8	6	14	...	...	...	1	...	1	4	3	7	1	1	2	188	179	367	440	442	882	Montgomery.	15
14	12	26	...	...	...	1	...	1	8	11	19	...	...	...	409	363	772	1,008	917	1,925	Lahore.	16
23	13	36	1	1	2	1	...	1	8	5	13	2	...	2	401	476	877	893	918	1,811	Amritsar.	17
18	13	31	...	...	...	1	1	2	4	2	6	1	...	1	352	274	626	854	747	1,601	Gurdáspur.	18
20	11	31	...	...	...	...	...	...	11	6	17	2	...	2	396	301	697	1,075	893	1,968	Siálkot.	19
8	6	14	...	...	...	...	...	...	1	2	3	...	...	...	220	168	388	631	497	1,128	Gujrát.	20
1	...	1	1	...	1	...	1	1	5	7	12	1	1	2	210	178	388	782	714	1,496	Gujránwála.	21
20	12	32	...	...	...	2	...	2	7	5	12	1	...	1	184	155	339	568	529	1,097	Shahpur.	22
11	12	23	...	...	...	1	...	1	8	4	12	...	...	...	252	204	456	748	642	1,390	Jhelum.	23
8	...	8	...	...	...	3	2	5	7	...	7	1	...	1	263	201	464	1,090	840	1,930	Ráwalpindi.	24
2	3	5	...	...	...	4	...	4	5	1	6	1	...	1	126	82	208	467	400	867	Hazára.	25
10	3	13	...	...	...	8	5	13	8	7	15	...	...	...	88	56	144	865	603	1,468	Peshávar.	26
...	1	1	...	...	...	3	...	3	...	...	...	...	...	...	64	39	103	371	283	654	Kohát.	27
7	5	12	...	...	...	4	...	4	1	2	3	1	2	3	101	52	153	753	562	1,315	Bannu.	28
27	11	38	...	...	...	2	...	2	1	1	2	...	...	...	132	107	239	1,013	794	1,807	D. I. Khan.	29
9	12	21	...	...	...	...	...	...	3	2	5	...	...	...	51	37	88	558	352	910	D. G. Khan.	30
15	8	23	...	...	...	...	...	...	...	1	1	1	...	1	63	60	123	552	485	1,037	Muzaffargarh.	31
407	287	694	7	8	15	38	11	49	153	115	268	17	8	25	6,947	6,125	13,072	22,406	19,567	41,973	TOTAL.	
641	467	1,108	6	12	18	33	14	47	162	108	270	12	7	19	8,350	7,656	16,006	30,752	27,606	58,358	Total in previous month.	
345	215	560	11	12	23	37	23	60	167	93	260	11	5	16	6,124	6,094	12,218	18,104	16,446	34,550	Total in same month of past year.	

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGN.-LT.-COL.,

Sanitary Commissioner, Punjab.

Remarks by the Sanitary Commissioner, Punjab.

Sixty thousand three hundred and twelve births were registered in the Province during the month of February 1898, giving a birth-rate of 38 per *mille* of population. Of the total number of births, 31,744 were boys and 28,568 were girls.

The total number of deaths registered from all causes in the Province during the month of February 1898 was 41,973 against 58,358 in the previous month and 34,550 in the corresponding month of the past year, giving an annual death-rate of 27, 33 and 22 per *mille* of population per annum respectively.

There were 33 deaths registered from plague in the Hoshiárpur District and 191 in the Jullundur District.

There was not a single death register under the head of cholera.

From small-pox 363 deaths were registered against 323 in the previous month and 2,124 in the corresponding month of the past year; fevers 27,263 against 40,567 and 19,289; dysentery and diarrhœa 694 against 1,108 and 560.

During the month there were 15 deaths registered from suicide against 18 in the past month; wounding 49 against 47; accidents 268 against 270; snake-bite and killed by wild beasts 25 against 19; and from all other causes 13,072 against 16,006 and 12,218 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 25th May 1898.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGN.-LT.-COL.,
Sanitary Commissioner, Punjab.

Statement showing the number of Births registered according to classes in the several districts of the Punjab during the month of February 1898.

No.	Districts.	Christians. Boys.	Christians. Girls.	Christians. Total.	Hindus. Boys.	Hindus. Girls.	Hindus. Total.	Muhammadans. Boys.	Muhammadans. Girls.	Muhammadans. Total.	Other Classes. Boys.	Other Classes. Girls.	Other Classes. Total.	Total. Boys.	Total. Girls.	Total. Total.	Birth-rate per mille per annum.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
1	Hissar ...	...	...	...	624	560	1,184	164	188	352	...	...	...	788	748	1,536	26	1
2	Rohtak ...	...	...	...	650	627	1,277	121	84	205	...	...	...	771	711	1,482	33	2
3	Gurgaon ...	...	...	...	624	629	1,253	359	338	697	...	...	...	983	967	1,950	38	3
4	Delhi ...	1	2	3	633	600	1,233	218	190	408	7	7	14	859	799	1,658	34	4
5	Karnál ...	...	1	1	884	767	1,651	324	317	649	...	...	...	1,208	1,085	2,293	35	5
6	Umballa ...	...	...	...	825	823	1,648	379	324	703	...	...	...	1,204	1,147	2,351	38	6
7	Simla ...	...	...	...	18	24	42	4	1	5	...	...	...	22	25	47	17	7
8	Kángra ...	...	...	...	981	957	1,938	38	48	86	...	...	...	1,019	1,005	2,024	35	8
9	Hoshiárpur ...	...	...	...	1,099	1,070	2,169	545	559	1,104	...	...	...	1,644	1,629	3,273	42	9
10	Jullundur ...	...	...	...	689	585	1,274	787	679	1,466	...	...	...	1,476	1,264	2,740	40	10
11	Ludhiána ...	1	1	2	736	656	1,392	418	424	842	...	...	...	1,155	1,081	2,236	45	11
12	Ferozepore ...	...	...	...	813	690	1,503	855	786	1,641	...	...	...	1,668	1,476	3,144	48	12
13	Mooltan ...	...	...	...	143	147	290	715	635	1,350	...	...	...	858	782	1,640	34	13
14	Jhang ...	...	...	...	195	182	377	685	584	1,269	...	...	...	880	766	1,646	49	14
15	Montgomery ...	...	...	...	142	119	261	506	439	945	...	...	...	648	558	1,206	31	15
16	Lahore ...	...	2	2	537	430	967	1,392	1,228	2,620	1	1	2	1,930	1,661	3,591	44	16
17	Amritsar ...	1	4	5	966	884	1,850	837	779	1,616	...	...	...	1,804	1,667	3,471	40	17
18	Gurdáspur ...	4	3	7	833	656	1,489	829	761	1,590	...	1	1	1,666	1,421	3,087	43	18
19	Siálkot ...	9	13	22	568	526	1,094	1,373	1,268	2,641	8	5	13	1,958	1,812	3,770	45	19
20	Gujrát ...	...	...	...	124	127	251	967	846	1,813	1	1	2	1,092	974	2,066	35	20
21	Gujránwála ...	2	...	2	283	232	515	1,101	952	2,053	...	...	...	1,386	1,184	2,570	49	21
22	Shahpur ...	...	...	...	90	93	183	585	526	1,111	...	1	1	675	620	1,295	34	22
23	Jhelum ...	...	...	...	82	88	170	678	695	1,373	...	...	...	760	783	1,543	33	23
24	Ráwalpindi ...	...	...	...	127	117	244	1,045	981	2,026	4	...	4	1,176	1,098	2,274	35	24
25	Hazára ...	...	...	...	35	24	59	644	513	1,157	...	...	...	679	537	1,216	33	25
26	Pesháwar ...	...	...	...	37	24	61	951	727	1,678	2	1	3	990	752	1,742	33	26
27	Kohát ...	...	...	...	9	7	16	293	236	529	...	...	...	302	243	545	39	27
28	Bannu ...	...	...	...	44	44	88	500	422	922	...	...	...	544	466	1,010	36	28
29	Dera Ismail Khan	...	...	...	79	67	146	561	443	1,004	...	...	...	640	510	1,150	31	29
30	Dera Gházi Khan	...	...	...	51	47	98	439	308	747	2	2	4	492	357	849	28	30
31	Muzaffargarh ...	...	...	...	73	51	124	394	389	783	...	...	...	467	440	907	31	31
	TOTAL ...	18	26	44	12,994	11,853	24,847	18,707	16,670	35,377	25	19	44	31,744	28,568	60,312	38	

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 25th May 1898.

W. A. CRAWFORD ROE, F. R. C. S., BRIGADE-SURGEON-LT.-COL.,
Sanitary Commissioner, Punjab.

MORTUARY RETURN FOR

Deaths registered from different causes in each district of

No.	Districts.	Population according to Census of 1891.	Births.	Deaths.	Birth-rate per *mille* per annum.	Death-rate per *mille* per annum.	CAUSE — Plague.			Cholera.			Small-pox. Children under one year.		One to under 12 years.		Twelve and over 12 years.		Total of Small-pox.	Fevers.		
							Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Males.	Females.	Males.	Females.		Males.	Females.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	775,808	1,283	1,434	19	22	...	...	...	...	...	...	...	...	...	...	...	1	1	535	544	1,079
2	Rohtak ...	590,446	1,373	1,268	27	25	...	...	...	...	...	...	...	1	...	...	...	...	1	499	439	938
3	Gurgaon ...	668,863	1,695	1,827	30	32	...	...	...	...	...	...	3	1	2	2	...	...	8	742	586	1,328
4	Delhi ...	635,224	1,632	1,427	30	26	...	...	...	...	...	...	...	1	...	...	...	...	1	437	397	834
5	Karnál ...	861,094	2,170	1,825	30	25	...	...	...	...	...	...	7	4	10	5	...	...	26	687	644	1,331
6	Umballa ...	804,849	2,145	1,584	31	23	...	...	...	...	...	...	1	1	9	7	1	1	20	558	472	1,030
7	Simla ...	35,246	79	69	26	23	...	...	...	...	...	...	...	...	...	...	...	...	...	22	16	38
8	Kángra ...	759,458	2,088	1,477	32	23	...	...	...	...	...	...	...	...	...	...	...	...	...	497	454	951
9	Hoshiárpur ...	1,011,644	3,385	1,868	39	22	32	36	68	...	...	...	3	7	6	6	6	7	35	410	367	777
10	Jullundur ...	891,347	4,063	2,361	54	31	251	245	496	...	...	...	1	2	4	2	1	...	10	335	347	682
11	Ludhiána ...	648,655	2,358	1,409	43	26	...	...	...	...	...	...	1	1	4	3	2	1	12	335	390	725
12	Ferozepore ...	861,499	3,390	1,765	46	2[illegible]	...	...	...	...	...	...	1	...	12	7	...	1	21	507	481	988
13	Mooltan ...	620,859	1,770	1,343	34	25	...	...	...	...	...	...	...	1	...	...	...	...	1	491	425	916
14	Jhang ...	436,821	1,921	1,211	52	3	...	...	...	...	...	...	4	2	...	...	...	...	6	103	68	171
15	Montgomery	499,449	1,384	783	33	18	...	...	...	...	...	...	2	1	4	2	...	1	10	203	169	372
16	Lahore ...	1,055,619	4,054	1,866	45	21	...	...	...	...	...	...	3	1	15	4	1	1	25	553	461	1,014
17	Amritsar ...	990,990	3,913	1,931	46	23	...	...	...	...	...	...	2	4	7	...	1	2	16	472	458	930
18	Gurdáspur ...	940,785	3,284	1,655	41	21	...	...	...	...	...	...	1	2	7	6	3	...	19	499	467	966
19	Siálkot ...	1,098,712	3,959	1,922	42	21	...	...	...	...	...	...	9	6	13	15	2	4	49	594	513	1,107
20	Gujrát ...	760,823	2,432	1,144	38	18	...	...	...	...	...	...	...	...	...	1	...	...	1	355	304	659
21	Gujránwála ...	690,061	3,564	1,693	61	29	...	...	...	...	...	...	...	...	...	...	...	...	...	620	533	1,153
22	Shahpur ...	493,535	1,515	929	36	22	...	...	...	...	...	...	...	...	1	...	...	...	1	287	322	609
23	Jhelum ...	605,774	1,664	1,143	32	22	...	...	...	...	...	...	2	1	1	2	...	...	6	372	365	737
24	Ráwalpindi ...	845,259	2,641	1,769	37	25	...	...	...	...	...	...	2	5	4	3	2	2	18	627	624	1,251
25	Hazára ...	476,125	1,536	877	38	22	...	...	...	...	...	...	...	...	5	8	...	1	14	307	328	635
26	Peshäwar ...	679,183	1,742	1,240	30	21	...	...	...	...	...	...	5	3	4	7	...	...	19	630	436	1,066
27	Kohát ...	182,487	713	441	46	28	...	...	...	...	...	...	...	3	1	1	...	...	5	194	175	369
28	Bannu ...	369,972	1,080	979	34	31	...	...	...	...	...	...	...	...	1	...	...	...	1	452	391	843
29	D. I. Khan ...	482,463	1,460	2,329	36	57	...	...	...	...	...	...	4	1	8	9	...	...	22	1,049	907	1,956
30	D. G. Khan ...	399,860	788	808	23	24	...	...	...	...	...	...	1	2	3	3	1	...	10	414	320	734
31	Muzaffargarh	381,072	1,384	1,162	43	36	...	...	...	...	...	...	...	2	2	3	2	...	9	540	444	984
	TOTAL ...	20,553,982	66,468	43,539	38	25	283	281	564	...	...	...	5[illegible]	52	123	96	22	22	367	14,326	12,847	27,173
	Total in previous month...	...	60,312	41,973	38	27	106	118	224	...	...	...	62	38	122	84	27	30	363	14,520	12,743	27,263
	Total in same month of past year ...	...	71,184	36,492	41	21	...	...	...	...	...	...	296	253	460	463	174	143	1,789	11,356	10,004	21,360

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 26th May 1898.

THE MONTH OF MARCH 1898.

the Punjab during the month of March 1898.

OF DEATH.

Dysentery and Diarrhœa.			Injuries. Suicide.			Injuries. Wounding.			Injuries. Accidents.			Injuries. Snake-bite and killed by wild beasts.			All other causes.			Total Deaths from all causes.			Districts.	No.
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	2	1
8	8	16	...	...	...	...	...	...	4	4	8	...	...	...	180	150	330	727	707	1,434	Hissar.	1
8	5	13	1	...	1	...	...	...	3	5	8	2	2	4	158	145	303	671	597	1,268	Rohtak.	2
19	19	38	...	2	2	...	1	1	5	12	17	1	1	2	235	196	431	1,007	820	1,827	Gurgaon.	3
19	15	34	1	1	2	...	...	...	8	6	14	1	...	1	303	238	541	769	658	1,427	Delhi.	4
27	11	38	1	...	1	2	...	2	7	5	12	1	...	1	225	189	414	967	858	1,825	Karnál.	5
19	11	30	...	...	...	...	...	...	8	3	11	...	...	...	245	248	493	841	743	1,584	Umballa.	6
2	...	2	...	1	1	...	...	...	...	...	...	...	...	...	15	13	28	39	30	69	Simla.	7
21	19	40	...	1	1	...	...	...	5	11	16	1	...	1	262	206	468	786	691	1,477	Kángra.	8
36	16	52	...	2	2	...	...	...	6	4	10	1	...	1	453	470	923	953	915	1,868	Hoshiárpur.	9
15	20	35	...	1	1	...	1	1	4	...	4	...	...	...	594	538	1,132	1.205	1,156	2 361	Jullundur.	10
14	6	20	...	...	...	1	1	2	6	3	9	1	...	1	327	313	640	601	718	1,409	Ludhiána.	11
17	22	39	1	...	1	1	...	1	3	2	5	...	...	...	342	368	710	884	881	1,765	Ferozepore.	12
13	11	24	...	1	1	...	1	1	4	2	6	1	...	1	236	157	393	745	598	1,343	Mooltan.	13
8	5	13	1	...	1	...	...	...	4	5	9	...	...	...	545	466	1,011	665	546	1,211	Jhang.	14
7	4	11	...	...	...	3	...	3	6	7	13	1	...	1	194	179	373	420	363	783	Montgomery.	15
17	6	23	1	...	1	1	...	1	13	8	21	2	2	4	405	372	777	1,011	855	1,866	Lahore.	16
25	14	39	1	...	1	3	3	6	12	7	19	2	...	2	420	498	918	945	986	1,931	Amritsar.	17
19	11	30	...	...	...	2	1	3	7	2	9	1	1	2	350	276	626	889	766	1,655	Gurdáspur.	18
26	7	33	...	1	1	2	...	2	12	10	22	1	2	3	371	334	705	1,030	892	1,922	Siálkot.	19
3	9	12	...	...	...	...	...	...	4	4	8	...	...	...	253	211	464	615	529	1,144	Gujrát.	20
2	1	3	...	...	...	...	...	...	14	9	23	...	1	1	272	241	513	908	785	1,693	Gujránwála.	21
11	8	19	...	...	...	4	1	5	2	2	4	3	...	3	175	113	288	483	446	929	Shahpur.	22
14	1	15	...	...	...	2	1	3	2	2	4	...	...	...	198	180	378	591	552	1,143	Jhelum.	23
5	1	6	1	1	2	2	2	4	13	7	20	3	...	3	250	215	465	909	860	1,769	Ráwalpindi.	24
2	...	2	...	...	...	...	...	...	11	6	17	...	...	...	123	86	209	448	420	877	Hazára.	25
17	7	24	...	...	...	6	1	7	8	7	15	...	...	...	68	41	109	738	502	1,240	Peshávar.	26
...	1	1	...	...	...	3	...	3	3	...	3	...	...	...	39	21	60	240	201	441	Kohát.	27
8	3	11	1	...	1	2	...	2	1	...	1	...	...	...	70	50	120	535	444	979	Bannu.	28
27	16	43	1	...	1	2	...	2	6	2	8	...	1	1	145	151	296	1,242	1,087	2,329	D. I. Khan.	29
4	2	6	...	...	...	1	2	3	...	...	...	1	...	1	30	24	54	455	353	808	D. G. Khan.	30
14	12	26	...	...	...	...	1	1	...	3	3	...	...	...	74	65	139	632	530	1,162	Muzaffargarh.	31
427	271	698	10	11	21	37	16	53	181	138	319	23	10	33	7,557	6,754	14,311	23,041	20,498	43,539	TOTAL.	
407	287	694	7	8	15	38	11	49	153	115	268	17	8	25	6,947	6,125	13,072	22,406	19,567	41,973	Total in previous month.	
349	215	564	14	14	28	65	8	73	193	113	306	21	4	25	6,279	6,068	12,347	19,207	17,285	36,492	Total in same month of past year.	

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURGN.-LT.-COL.,

Sanitary Commissioner, Punjab.

Remarks by the Sanitary Commissioner, Punjab.

Sixty-six thousand four hundred and sixty-eight births were registered in the Province during the month of March 1898, giving a birth-rate of 38 per *mille* of population. Of the total number of births, 34,855 were boys and 31,613 were girls.

The total number of deaths registered from all causes in the Province during the month of March 1898 was 43,539 against 41,973 in the previous month and 36,492 in the corresponding month of the past year, giving an annual death-rate of 25, 27 and 21 per *mille* of population per annum respectively.

There were 68 deaths registered from plague in the Hoshiárpur District and 496 in the Jullundur District.

There was not a single death registered under the head of cholera.

From small-pox 367 deaths were registered against 363 in the previous month and 1,789 in the corresponding month of the past year; fevers 27,173 against 27,263 and 21,360; dysentery and diarrhœa 698 against 694 and 564.

During the month there were 21 deaths registered from suicide against 15 in the past month; wounding 53 against 49; accidents 319 against 268; snake-bite and killed by wild beasts 33 against 25; and from all other causes 14,311 against 13,072 and 12,347 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 26th May 1898.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGN.-LT.-COL.,
Sanitary Commissioner, Punjab.

Statement showing the number of Births registered according to classes in the several districts of the Punjab during the month of March 1898.

No.	Districts.	Christians.			Hindus.			Muhammadans.			Other Classes.			Total.			Birth-rate per mille per annum.	No.
		Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
1	Hissar ...	...	...	...	527	476	1,003	140	140	280	...	...	...	667	616	1,283	19	1
2	Rohtak ...	...	...	...	637	515	1,152	124	97	221	...	...	...	761	612	1,373	27	2
3	Gurgaon ...	1	...	1	560	504	1,064	316	314	630	...	...	...	877	818	1,695	30	3
4	Delhi ...	3	1	4	615	613	1,228	200	191	391	4	5	9	822	810	1,632	30	4
5	Karnál ...	...	...	...	771	783	1,554	313	303	616	...	...	...	1,084	1,086	2,170	30	5
6	Umballa ...	...	...	...	803	744	1,547	305	293	598	...	...	...	1,108	1,037	2,145	31	6
7	Simla ...	...	...	...	30	35	65	10	4	14	...	...	...	40	39	79	26	7
8	Kángra ...	...	...	...	1,040	964	2,004	39	45	84	...	...	...	1,079	1,009	2,088	3[illegible]	8
9	Hoshiárpur ...	...	...	...	1,170	1,104	2,274	570	541	1,111	...	...	...	1,740	1,645	3,385	39	9
10	Jullundur ..	...	...	...	1,062	1,004	2,066	1,016	981	1,997	...	...	...	2,078	1,985	4,063	54	10
11	Ludhiána ...	...	...	...	802	712	1,514	416	428	844	...	...	...	1,218	1,140	2,358	43	11
12	Ferozepore ...	...	...	...	826	816	1,642	924	824	1,748	...	...	...	1,750	1,640	3,390	46	12
13	Mooltan ...	...	...	...	172	115	287	771	712	1,483	...	...	...	943	827	1,770	34	13
14	Jhang ...	...	...	...	224	187	411	807	703	1,510	...	...	...	1,031	890	1,921	52	14
15	Montgomery ...	...	...	...	152	150	302	562	520	1,082	...	...	...	714	670	1,384	33	15
16	Lahore ...	5	3	8	571	509	1,080	1,557	1,409	2,966	...	...	...	2,133	1,921	4,054	45	16
17	Amritsar ...	1	2	3	1,155	1,028	2,183	850	877	1,727	...	...	...	2,006	1,907	3,913	46	17
18	Gurdáspur ...	4	...	4	861	837	1,698	815	766	1,581	...	1	1	1,680	1,604	3,284	41	18
19	Siálkot ...	4	8	12	568	573	1,141	1,449	1,347	2,795	5	5	10	2,026	1,933	3,959	42	19
20	Gujrát ...	...	...	...	143	136	279	1,133	1,019	2,152	1	...	1	1,277	1,155	2,432	38	20
21	Gujránwála ...	8	4	12	394	348	742	1,509	1,301	2,810	...	...	...	1,911	1,653	3,564	61	21
22	Shahpur ...	...	...	...	117	95	212	713	590	1,303	...	...	...	830	685	1,515	36	22
23	Jhelum ...	...	...	...	105	74	179	773	712	1,485	...	...	...	878	786	1,664	32	23
24	Ráwalpindi ...	...	...	...	158	123	281	1,240	1,112	2,352	3	5	8	1,401	1,240	2,641	37	24
25	Hazára ...	...	...	...	37	31	68	760	708	1,468	...	...	...	797	739	1,536	38	25
26	Pesháwar ...	...	...	...	24	16	40	1,005	695	1,700	1	1	2	1030	712	1,742	30	26
27	Kohát ...	...	...	...	9	6	15	379	319	698	...	...	...	388	325	713	46	27
28	Bannu ...	...	...	...	48	37	85	554	441	995	...	...	...	602	478	1,080	34	28
29	Dera Ismail Khan	...	...	...	101	62	163	684	616	1,300	...	...	...	785	678	1,463	36	29
30	Dera Gházi Khan	...	...	...	58	40	98	387	301	688	1	1	2	446	342	788	2[illegible]	30
31	Muzaffargarh ...	...	...	...	84	72	156	669	558	1,227	...	1	1	753	631	1,384	4[illegible]	31
	TOTAL ...	26	18	44	13,824	12,709	26,533	20,990	18,867	39,857	15	19	34	34,855	31,613	66,468	38	

SANITARY COMMISSIONER'S OFFICE, LAHORE: *The* 26*th May* 1898.

W. A. CRAWFORD ROE, F. R. C. S., BRIGADE-SURGEON-LT.-COL.,
Sanitary Commissioner, Punjab.

PUBLIC WORKS DEPARTMENT

Irrigation Operations of Fasl Kharif

Canals.	Water distributed during April 1898. Depth in Canal at regulating gauge. Full supply.	Actual throughout.	Gross consumption, cubic feet per second. Designed full supply.	Actual average throughout.
1	2	3	4	5
MAJOR IRRIGATION WORKS.				
Swat River Canal	6·00	5·50	700	661
Total ...	...	...	700	661
Western Jumna Canal. At Dádupur	...	4·00	5,000	2,496
Main Line, Major Distributaries	...	...	...	144
Sirsa Branch	...	2·90	...	508
Delhi Branch	...	5·80	...	1,210
Hánsi Branch	...	3·10	...	594
Loss in Main Line	...	...	...	40
Total utilized ...	...	...	...	2,496
Escapage (including Canal Tail)	...	...	...	...
Total ...	...	...	5,000	2,496
Bari Doab Canal. Main Canal (Head Gauge, Rapid No. 2)	...	2·92	...	2,605
Salampur Feeder	...	2·08	...	659
Total entering Canal ...	...	...	5,000	3,264
Kasur Branch Lower at Tarsika	...	2·83		276
Sobraon Branch at Gagarbhana	...	1·87		204
Main Line and Main Branch Upper Distributaries ...	...	...	...	218
Main Branch Lower	...	3·11		1,388
Lahore Branch	...	1·85		548
Absorption in Main Channels	...	...	...	595
Total utilized ...	...	...	...	3,229
Escapage	...	...	...	35
Total ...	...	...	5,000	3,264
Sirhind Canal. Main Line	9·43	9·60	6,000	6,178
Abohar Branch	6·12	6·42	2,052	2,330
Bhatinda Branch	6·13	5·34	1,788	1,336
Feeders	9·22	8·97	2,160	2,060
Loss in Main Line	...	...	...	328
Total utilized ...	...	...	...	6,054
British Escapes	...	...	...	124
Total ...	...	...	6,000	6,178
Carried over ...	...	...	...	...

PUNJAB, IRRIGATION BRANCH.

of 1898 *up to* 30*th April* 1898.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* April 1898.	Area irrigated *to end of* April 1898	Area irrigated *to end of* April 1897.	Remarks.
6	7	8	9	10	11	12	13	14	15
Peshawar ...	3,087	12	0·89	0·13	Sugarcane ...	1,656	1,656	1,460	The canal ran throughout the month.
					Rice ...	79	79	180	
					Cotton ...	631	631	81	
					Indigo ...	...	...	...	
					Maize ...	...	...	4	
					Jowár and chari.	2	2	3	
					Miscellaneous	719	719	361	
...	3,087	...	...	...	...	3,087	3,087	2,089	
Umballa ...	67		0·12	0·05	Sugarcane ...	43,828	43,828	39,151	Canal ran for full month. River very low and shows no signs of increase with the hot weather. Demand very high, but owing to low supply the kharif area will probably be small.
Karnál ...	19,655		0·07	...	Rice ...	2	2	5	
Rohtak ...	27,739	20	0·09	0·08	Cotton ...	9,384	9,384	27,016	
Delhi ...	8,783		0·11	...	Indigo ...	822	822	2,646	
Hissar ...	9,912		0·08	...	Maize ...	1	1	8	
Jínd ...	1,555		0·07	0·03	Jowár and chari.	212	212	10,633	
Bikanir ...	...	...	...	...					
Kalsia ...	8	...	...	...	Miscellaneous	16,689	16,689	37,203	
Patiála ...	3,219	6	0·09	...					
...	70,938	...	...	...	...	70,938	(*a*) 70,938	116,662	
Gurdáspur ...	5,773		0·54	...	Sugarcane ...	14,586	14,586	14,088	Full supply was run in the canal for 20 days only. One thousand four hundred cusecs ran through Salámpur and Farídnagar Feeders for the remaining 10 days while Rapid No. 10 was being repaired, canal was entirely closed at 9·30 on 9th April 1898 for 12 hours.
Amritsar ...	14,957	19	0·33	0·04	Rice ...	68	68	220	
Lahore ...	27,414		0·30	...	Cotton ...	7,653	7,653	22,844	
					Indigo ...	...	...	3	
					Maize ...	87	87	220	
					Jowár and chari.	1,569	1,569	3,562	
					Miscellaneous	24,181	24,181	39,621	
...	48,144	...	...	...	...	48,144	48,144	80,558	
Ludhiána ...	2,754	15	0·17	...	Sugarcane ...	3,023	3,023	2,051	The canal ran for 25 days. It was closed on the 25th for annual repairs.
Ferozepore ...	7,194		0·16	...	Rice ...	1	1	...	
Hissar ...	...	...	...	...	Cotton ...	1,421	1,421	2,039	
Farídkot State	1,050	...	...	...	Indigo ...	128	128	84	
Patiála " ...	2,153				Maize ...	...	...	9	
Nábha " ...	616	15	0·21	...	Jowár and chari.	510	510	4,592	
Jínd " ...	693								
Kalsia " ...	116	...	...		Miscellaneous	9,493	9,493	26,329	
...	14,576	...	...	...	...	14,576	(*b*)* 14,576	35,104	
...	1,36,745	...	...	...	...	136,745	136,745	234,413	

(*a*) Excludes 13,964 acres of rabi area affected during the month.
(*b*) Excludes 1,864 acres of rabi irrigation as follows:—

British Branches	...	637 acres.
Native States	...	1,227 "
		1,864 "

* Includes the following areas irrigated by Native States Branches, *viz.*—

	During April 1898.	*To end of April 1898.*	*To end of April 1897.*
Patiála State	1,175 acres.	1,175 acres.	1,619 acres.
Nábha "	182 "	182 "	142 "
Jínd "	685 "	685 "	1,285 "
Total ...	2,042 "	2,042 "	3,046 "

Irrigation Operations of Fasl Kharíf

Canals.	Water distributed during April 1898. — *Depth in Canal at regulating gauge.* — Full supply.	Actual throughout.	*Gross consumption, cubic feet per second.* — Designed full supply.	Actual average throughout.
1	2	3	4	5
Brought forward ...	...	...	...	...
MAJOR IRRIGATION WORKS—CONCLUDED.				
CHENAB CANAL. Main Line	9·60	8·72	8,313	5,213
Kot Nikka Branch	5·00	...	270	259
Mián Ali Branch	6·15	7·29	805	821
Rakh Branch	5·90	6·10	1,054	1,328
Jhang Branch { Upper	9·00	7·17	1,074	1,116
Jhang Branch { Lower	7·00	3·80	1,160	426
Bhawána Branch	6·00	4·80	434	299
Gugera Branch (for construction only)	...	...	...	375
Distributaries of Main Line	...	...	...	256
Loss in Main Line	...	...	...	333
Total Main Line ...	...	...	...	5,213
Escapage	...	...	...	5
Total utilized ...	...	...	8,313	5,208
LOWER SOHAG AND PARA CANAL	...	Dry.	1,800	Dry.
Total ...	...	...	1,800	Dry.
SIDHNAI CANAL	...	0·4	1,350	41
Subsidiary Canals	...	...	428	Dry.
Total ...	...	...	1,778	41
ABSTRACT—MAJOR IRRIGATION WORKS—				
Swat River Canal	...	...	700	6[illegible]
Western Jumna Canal	...	...	5,000	2,4[illegible]
Bári Doáb Canal	...	...	5,000	3,229
Sirhind Canal	...	...	6,000	6,178
Chenab Canal	...	...	8,313	5,208
Lower Sohág and Pára Canal	...	...	1,800	Dry.
Sidhnai Canal	...	...	1,778	41
Total Major Irrigation Works	...	...	28,591	...

of 1898 *up to 30th April* 1898—continued.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* April 1898.	Area irrigated *to end of* April 1898.	Area irrigated *to end of* April 1897.	
6	7	8	9	10	11	12	13	14	15
...	136,745	...	...	...	...	1,36,745	136,745	2,34,413	
Gujránwála ...	20,584	...	...	0·20	Sugarcane ...	18,223	18,223	15,524	Canal ran throughout the month.
Jhang ...	51,477	...	...	...	Rice ...	72	72	92	
					Cotton ...	37,103	37,103	37,597	
					Indigo ...	...	...	...	
					Maize ...	2	2	...	
					Jowár and chari.	2,584	2,584	1,607	
					Miscellaneous	14,077	14,077	12,905	
...	72,061	...	...	...	...	* 72,061	72,061	67,725	
Montgomery	...	5	0·19	...	Miscellaneous	...	...	842	Lower Sohág Canal opened on the 1st May 1898.
...	...	...	...	...	...	...	...	842	
Mooltan ...	3,852	36	0·24	...	Miscellaneous	3,852	3,852	17,336	
...	3,852	...	...	...	...	3,852	3,852	17,336	
...	3,087	...	...	...	...	3,087	3,087	2,089	
...	70,938	...	...	...	...	70,938	70,938	116,662	
...	48,144	...	...	...	...	48,144	48,144	80,558	
...	14,576	...	...	...	...	14,576	14,576	35,104	
...	72,061	...	...	...	...	72,061	72,061	67,725	
...	...	...	...	...	...	...	...	842	
...	3,852	...	...	...	...	3,852	3,852	17,336	
...	212,658	...	...	...	...	212,658	212,658	320,316	

* Of this, 20,675 acres are free of charge.

Irrigation Operations of Fasl Rabi

Canals.	Water distributed during April 1898. — Depth in Canal at regulating gauge. — Full supply.	Actual throughout.	Gross consumption, cubic feet per second. — Designed full supply.	Actual average throughout.	
1	2	3	4	5	
Total Major Irrigation Works brought forward ...	...	...	28,591	...	
MINOR IRRIGATION WORKS.					
Upper Sutlej Canals. — Katora Canal	...	0·11	4,000		
Khânwah "	...	Dry.		Dry.	
Upper Sohâg "	...	Dry.		Dry.	
Total ...	...	...	4,000	...	
Shahpur Canals (Imperial). — Eastern Station Canal	...	Dry.	1,150	Dry.	113
Western " "	...	4·20			
Sâhiwâl Canal	...	Dry.		Dry.	
Total ..	...	...	1,15		113
Lower Sutlej and Chenab Canals	...	...	...		216
Indus Canals	...	...	...		113
Muzaffargarh Canals	...	...	...		618
Ghaggar Canals. — Northern Canal Head	7·0	Nil.	560	Nil.	
Southern Canal Head	6·5	"	430	"	
Minor Channels	...	...	10	...	
Total discharge ...	...	...	1,100	Nil.	
Bikanir Border.					
Northern Canal	6·00	Nil.	283	...	
Southern Canal	5·00	"	217	...	
Total Bikaner ...	...	...	500	Nil.	
Utilized British Territory	...	...	600	Nil.	
Total ...	...	...	1,100	Nil.	
Abstract—Minor Irrigation Works—					
Upper Sutlej Canals	...	...	4,000	Dry.	
Shahpur Canals (Imperial)	...	...	1,150		113
Lower Sutlej and Chenab Canals ...	...	...	...		216
Indus Canals	...	...	...		113
Muzaffargarh Canals	...	...	...		618
Ghaggar Canals	...	...	1,100	...	
Total ...	...	...	...	...	
Shahpur Canals (Provincial). — Raniwah West Canal	...	3·10	520		132
" East "	...	Dry.	500	Dry.	
Corbynwah Canal	...	Dry.	113	Dry.	
Total ...	...	...	1,133		132
Total Major Irrigation Works	...	...	...	...	
Total Minor Irrigation Works	...	...	...	...	
Total Major & Minor Irrigation Works (Imperial)	...	...	...	...	
Shahpur Canals (Provincial)	...	...	...	...	
GRAND TOTAL	...	...	...	...	

LAHORE:
The 25th May 1898.

of 1898 *up to* 30*th April* 1898—concluded.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* April 1898.	Area irrigated *to end of* April 1898.	Area irrigated *to end of* April 1897.	
6	7	8	9	10	11	12	13	14	15
...	212,658	...	...	...	...	212,658	212,658	320,316	
					Sugarcane ...	...	...	...	Katora Canal opened on 29th April. Khánwah Canal opened on 30th April. Upper Sohág Canal opened on the 3rd May.
Lahore ...	*Nil.*	5	0·21	...	Rice ...	...	...	...	
					Cotton ...	...	...	30	
Montgomery	*Nil.*	...	...	...	Indigo ...	...	...	...	
					Maize ...	...	...	...	
					Jowár & Chari	...	...	...	
					Miscellaneous	...	...	...	
...	*Nil.*	...	...	...	...	...	...	30	
					Sugarcane ...	...	...	7	Canal was opened on 28th April 1898.
					Rice ...	...	...	...	
					Cotton ...	...	...	344	
Shahpur ...	...	9	0·71	...	Indigo ...	...	...	...	
					Maize ...	...	...	...	
					Jowár & Chari	...	...	...	
					Miscellaneous	...	...	1,041	
...	...	...	...	...	...	...	...	1,392	
Mooltan ...	137	36	0·1	...	...	13	137	2,167	
D. G. Khan ...	672	10	0·2	...	...	67	672	...	
Muzaffargarh	2,277	5	0·1	...	...	2,27	2,277	9,087	
Hissar ...	451	...	...	...	Sugarcane ...	...	...	...	This irrigation was really done at end of March before the Lake dried up, but not written up till April.
Bikanir State	613	...	...	...	Rice ...	...	...	...	
					Cotton ...	39	39	...	
					Indigo ...	...	...	...	
					Maize ...	634	634	...	
					Jowár & Chari	21	21	...	
					Miscellaneous	370	370	...	
...	1,064	...	...	...	...	1,064	1,064	...	
...	...	...	...	...	...	...	...	30	
...	...	...	...	...	...	...	...	1,392	
...	137	...	...	...	...	137	137	2,167	
...	672	...	...	...	...	672	672	...	
...	2,277	...	...	...	...	2,277	2,277	9,087	
...	1,064	...	...	...	...	1,064	1,064	...	
...	4,150	...	...	...	...	4,150	4,150	12,676	
Shahpur ...	1,202	9	0·52	...	Sugarcane ...	59	59	38	Canal was opened on 1st April 1898.
					Rice ...	...	...	...	
					Cotton ...	44	44	442	
					Indigo ...	...	...	...	
					Maize ...	2	2	...	
					Jowár & Chari	7	7	43	
					Miscellaneous	1,090	1,090	3,609	
...	1,202	...	...	...	...	1,202	1,202	4,132	
...	212,658	...	...	...	...	212,658	212,658	320,316	
...	4,150	...	...	...	...	4,150	4,150	12,676	
...	216,808	...	...	...	...	216,808	216,808	332,992	
...	1,202	...	...	...	...	1,202	1,202	4,132	
...	218,010	...	...	...	...	218,010	218,010	337,124	

L. M. JACOB,
Offg. Under-Secretary to Government, Punjab,
P. W. D., Irrigation Branch.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON OF BANNU DISTRICT FOR INSERTION IN THE SUPPLEMENT TO PUNJAB

1	2			3			4			5		
	QUANTITIES PER RUPEE BY THE											
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Bannu ...	27	24	6	44	39	15	...	...	...	13	12	8

IN THE PUNJAB DURING THE FORTNIGHT ENDING 30TH APRIL 1898, RECEIVED TOO LATE GAZETTE DATED 26TH MAY 1898.

6			7			1	
ORDINARY SEER OF 80 TOLAS.							
J[illegible]r or *Cholum* (*S[illegible]um vulgare*).			*Bájra* or *Cumbu* (*Pennisetum Typhoideum*).				
Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
41	41	8	41	40	5	Bannu.	

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON OF BANNU DISTRICT FOR INSERTION IN THE SUPPLEMENT TO PUNJAB

1	8			9			10			11		
	QUANTITIES PER RUPEE BY											
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Ze[illegible] Mays).*		
DISTRICTS.	Present fortnight tending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Bannu ...	13	13	8	7	7	8	31	28	15	53	48	10

IN THE PUNJAB DURING THE FORTNIGHT ENDING 30TH APRIL 1898, RECEIVED TOO LATE GAZETTE DATED 26TH MAY 1898—continued.

12			13			1	
THE ORDINARY SEER OF 80 TOLAS.							
Arhur or Thur, Indian Pea (Cajanus Indicus).			*Firewood.*				
Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
5	5	7	70	70	74	Bannu.	

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON OF BANNU DISTRICT FOR INSERTION IN THE SUPPLEMENT TO PUNJAB

1	14					
	QUANTITIES PER RUPEE BY					
	Salt.					
	Present fortnight ending 30th April 1898		Past fortnight ending 15th April 1898.		Corresponding fortnight of 1897	
DISTRICTS.	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Bannu	22 8	20 0	22 8	20 0	21 0	20 0

IN THE PUNJAB DURING THE FORTNIGHT ENDING 30TH APRIL 1898, RECEIVED TOO LATE GAZETTE DATED 26TH MAY 1898—concluded.

15			16			1	
THE ORDINARY SEER OF 80 TOLAS.							
Gur.			*Cotton (unginned).*				
Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th April 1898.	Past fortnight ending 15th April 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.		
11 9	13 2	11 8	8 12	8 12	10 0	Bannu.	

GOVIND RAM, *Offg. Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

MONTHLY RAINFALL OF UMBALLA DISTRICT IN THE PUNJAB FOR THE MONTH OF APRIL 1898.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th	16th.	17th.	18th.	19th.	20th.	21st.
Punjab Sub-montane.	Umballa.	Jagádhri ...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	...
		Umballa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·14	...	...	...	...	...
		Naráingarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kharar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·25	...	...	..	...	...
		Rúpar ...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	0·28	...	...	...	...	...	...
		Dádupur (C) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	...	...	...

RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO PUNJAB GAZETTE DATED 26TH MAY 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 30th April 1898	Average rainfall from 1st October up to 30th April 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...		1	0·7	0·20	0·45	0·20	6·20	6·06	Jagádhri	...	
...	...	...	...	...	...	...	...	...		1	0·6	0·14	0·56	0·14	9·60	4·49	Umballa	...	
...	...	...	...	...	...	...	...	...		0	0·9	0	0·36	0	5·63	5·13	Naráingarh	...	Umballa.	Punjab Sub-montane.
...	...	...	...	...	...	...	...	...		1	1·1	0·25	0·39	0·25	7·76	5·11	Kharar	...	
...	...	...	...	...	...	...	...	...		1	1·1	0·28	0·63	0·28	8·12	5·47	Rúpar	...	
...	...	...	...	...	...	...	...	...		1	?	0·10	?	0·10	6·60	?	Dádupur (C)	...	

TULSI DAS, *Offg. Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

NORTH-WESTERN RAILWAY.

Abstract of Principal Commodities carried over the North-Western Railway during the month of March 1898 *as compared with the same month of the previous year.*

No.	Staples.	1897.	1898	Increase in 1898.	Decrease in 1898.	REMARKS.
		No.	No.	No.	No.	
1	Animals ...	1,595	5,006	3,411	...	
		Tons.	Tons.	Tons.	Tons.	
2	Coal and coke ...	3,228	5,540	2,312	...	
3	Cotton, raw ...	8,109	10,133	2 024	...	
4	Cotton, manufactured—					
	(1) Twist and yarn, European ...	235	231	...	4	
	(2) Twist and yarn, Indian ...	174	373	199	...	
	(3) Piece-goods, European ...	2,217	2,217	...	...	
	(4) Piece-goods, Indian ...	1,235	2,255	1,020	...	
5	Drugs and chemicals—					
	(1) Intoxicating other than opium ...	56	42	...	14	
	(2) Non-intoxicating—					
	(a) Cinchona bark ...	...	...	...	...	
	(b) Others ...	516	95	435	...	
6	Dyes and tans—					
	(1) Indigo ...	112	159	47	...	
	(2) Myrabolams ...	28	30	2	...	
	(3) Cutch ...	7	4	...	3	
	(4) Turmeric ...	181	299	118	...	
	(5) Alizarine and aniline dyes ...	77	70	...	7	
	(6) Others ...	372	657	285	...	
7	Grain and pulse—					
	(1) Wheat ...	12,709	37,793	25,084	...	
	(2) Rice in the husk ...	3,525	2,790	...	735	
	(3) Rice not in the husk ...	7,039	11,510	4,471	...	
	(4) Jowár and bájra ...	19,144	20,650	1,506	...	
	(5) Gram and pulse ...	9,824	6,891	...	2,930	
	(6) Others ...	1,010	1,979	969	...	
8	Hides and skins—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	585	220	...	365	
	(b) Raw ...	841	1,488	647	...	
	(2) Skins of sheep, &c.—					
	(a) Dressed or tanned ...	9	16	7	...	
	(b) Raw ...	741	737	...	4	
9	Horns ...	30	38	8	...	
10	Jute—					
	(1) Raw ...	7	14	7	...	
	(2) Gunny bags and cloth ...	1,748	2,873	1,125	...	
11	Lac—					
	(1) Stick ...	...	2	2	...	
	(2) Shell ...	31	14	...	17	
12	Leather, manufactured ...	170	237	67	—	
13	Liquors—					
	(1) Beer ...	790	974	184	...	
	(2) Spirits ...	68	44	...	24	
	(3) Wines ...	267	405	138	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
14	Metals—					
	(1) Copper, unwrought ...	25	39	14	...	
	(2) Brass, unwrought ...	23	66	43	...	
	(3) Copper, wrought ...	38	80	42	...	
	(4) Brass, wrought ...	130	182	52	...	
	(5) Iron ...	2,990	3,399	409	...	
	(6) Others ...	199	294	95	...	
15	Oils—					
	(1) Kerosine ...	1,140	1,933	793	...	
	(2) Castor ...	13	34	21	...	
	(3) Cocoanut oil ...	8	23	15	...	
	(4) Others ...	513	472	...	41	
16	Oil-seeds—					
	(1) Linseed ...	23	8	...	15	
	(2) Rape and mustard ...	1,592	3,495	1,903	...	
	(3) Til or jinjili ...	2,473	2,320	...	153	
	(4) Poppy ...	14	77	63	...	
	(5) Earthnut ...	1	4	3	...	
	(6) Castor ...	...	...	...	...	
	(7) Cotton seed ...	3,624	4,059	435	...	
	(8) Others ...	553	1,044	491	...	
17	Opium ...	11	22	11	...	
18	Paper and paste-boards ...	238	280	42	...	
19	Provisions—					
	(1) Ghi ...	1,165	502	...	663	
	(2) Dried fruits ...	1,127	1,379	252	...	
	(3) Atta ...	3,450	3,749	299	...	
	(4) Others ...	1,743	2,622	879	...	
20	Railway Materials for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders ...	...	...	...	...	
	(2) Carriages and Trucks ...	...	...	...	...	
	(3) Materials for construction—					
	(a) Wooden sleepers ...	8,925	567	...	8,358	
	(b) Other sorts ...	1,243	1,959	716	...	
21	Salt ...	8,402	10,597	2,195	...	
22	Saltpetre, &c.—					
	(1) Saltpetre ...	303	343	40	...	
	(2) Other saline substances ...	484	649	165	...	
23	Silk, raw—					
	(1) Foreign ...	30	22	...	8	
	(2) Indian ...	5	5	...	...	
24	Silk piece-goods—					
	(1) Foreign ...	3	6	3	...	
	(2) Indian ...	8	13	5	...	
25	Spices—					
	(1) Betelnut ...	42	26	...	16	
	(2) Pepper ...	49	67	18	...	
	(3) Ginger ...	92	163	71	...	
	(4) Chillies ...	444	338	...	106	
	(5) Cardamums ...	26	19	...	7	
	(6) Others ...	141	128	...	13	
26	Stone and lime ...	8,913	28,453	19,540	...	
27	Sugar—					
	(1) Refined ...	4,440	7,050	2,610	...	
	(2) Unrefined ...	18,811	21,581	2,770	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
28	Tea—					
	(1) Foreign ...	29	19	...	10	
	(2) Indian ...	176	178	2	...	
29	Timber ...	7,651	6,502	...	1,149	
30	Tobacco—					
	(1) Unmanufactured ...	611	838	227	...	
	(2) Manufactured—					
	(a) Cigars ...	16	16	...	...	
	(b) Others ...	48	88	40	...	
31	Wool, raw ...	839	990	151	...	
32	Wool, manufactured—					
	(1) Piece-goods, European ...	29	58	29	...	
	(2) Piece-goods, Indian ...	114	160	46	...	
	(3) Shawls ...	...	...	...	...	
33	All other articles of merchandise—					
	(1) Firewood ...	6,608	5,444	...	1,164	
	(2) Manures ...	3,910	4,254	344	...	
	(3) Fodder ...	2,945	11,756	8,811	...	
	(4) Lucifer matches ...	106	87	...	19	
	(5) Others ...	8,059	15,615	7,556	...	
		No.	No.	No.	No.	
	Total ... Animals ...	1,595	5,006	3,411	...	
		Tons.	Tons.	Tons.	Tons.	
	Total ... Goods ...	179,680	255,713	76,033	...	

LAHORE:
The 19th May 1898.

J. SHAW,
Examiner of Accounts, North-Western Railway.

Punjab Government Press, Lahore—2-6-98—690.

No. 23. of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JUNE 9, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 7th June 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	0·14 at Sadr ... 1·31 in Hánsi. 0·20 in Bhiwáni.	...	Wheat 16 seers ... Bájra 24 seers. Gram 25 seers.	...	Cotton and indigo being sown on canal land. Ploughings for other crops in progress.
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Wheat 13¼ seers Gram 20½ seers. Bájra 23 seers.	...	...
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 16¾ to 18 seers. Gram 21 seers. Maize 27 seers.	...	Sugarcane is in good condition.
4	Jullundur ...	...	1. Sufficient ... 2. Good.	Wheat 18¼ seers. Gram 21¼ seers. Maize 24 seers. Barley 17 seers.	...	...
5	Ferozepore ...	...	1. Sufficient ...	Unchanged ...	Extra spring crops nearly ripe.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
6	Mooltan ...	0·02 at Sadr ...	...	Wheat, 2nd quality, 15½ seers.	Crops being threshed ...	Sowings commenced. Sidhnai [illegible]y. Water scanty in canals.
7	Lahore ...	...	1. Sufficient ...	Wheat 16 to 18 seers. Maize 20 to 23 seers.	Threshing operations almost over. Extra spring crops are being irrigated. Prospects fair.	Sugarcane and cotton are being irrigated.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 17 seers ... Maize 21 seers.	Outturn of spring crops nearly collected. Extra spring crops flourishing.	...
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 15 to 16 seers. Rice 10 to 11 seers.	Threshing nearly finished ...	Crops promising.
10	Shahpur ...	0·60 at Sadr ... 0·27 in Bhera. 0·34 in Khusháb.	1. Sufficient ... 2. Good.	Wheat 17 to 20 seers. Bájra 20 to 25 seers.	Wheat being harvested ...	Cotton sowings in progress.
11	Ráwalpindi ...	0·16 in Murree ...	1. Sufficient ...	Wheat 16 seers ... Bájra 21 seers. Maize 23 seers.	Threshing in progress.	...
12	Pesháwar ...	...	1. Sufficient ... 2. Good.	Wheat $15\frac{1}{16}$ seers Maize $26\frac{5}{16}$ seers.	Condition of standing crops good.	...
13	D. I. Khan ...	0·35 in Leiah ...	1. Sufficient ... 2. Good.	Wheat 20 seers ... Bájra 21¼ seers.	Condition of standing extra spring crops good. Hail fell in certain villages of Leiah and damaged the extra Spring crops slightly. High winds have also damaged the crops on the threshing floor. Threshing still going on. Outturn average.	...

GENERAL REMARKS.

Rainfall.—Rain has fallen in Hissar, Shahpur, Ráwalpindi and Dera Ismail Khan, and a slight fall is also reported from Mooltan.

Prices—Rising in Umballa, Siálkot and Pesháwar, falling in Jullundur, Lahore, Shahpur and Dera Ismail Khan, unchanged elsewhere. Wheat is selling from 13½ to 20, bulrush millet 20 to 25, gram 20½ to 25, maize 20 to 27, barley 17, and rice 10 to 11 seers per rupee.

Agricultural operations.—Irrigation of extra spring crops and sowings of certain autumn crops in progress. Spring crops are still being threshed in some districts.

Crops and outturn.—Condition of standing crops good. Outturn of spring crops is generally reported good to average.

Damage done to crops.—Hail and high wind have slightly damaged the crops in parts of Dera Ismail Khan.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient throughout the Province.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 14TH MAY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ..	16,854	2	2	4	9	5	4		...	...	6	1	...	2	1	1	2	12	28	1
2		Hansi ..	15,190	2	3	5	12	4	8	...	...	...	6	1		5	1	2	3	17	41	2
3		Bhiwani ...	35,487	4	3	7	21	11	10	...	...	...	7	1		13	4	2	6	10	31	3
4		Sirsa ...	16,415	3	2	5	9	5	4	...	...	...	5	...		4	1	2	3	16	29	4
5	Rohtak ...	Rohtak ...	16,191	13	10	23	6	5	1	...		..	1	1		4	2	...	2	74	19	5
6		Jhajjar ...	11,881	3	...	3	5	3	2	.		1	1	...	..	3	...	...	...	13	22	6
7	Gurgaon ...	Rewari ..	27,934	6	3	9	16	10	6	...	...	..	5	3		8	1	...	1	17	30	7
8		Palwal ...	11,227	1	4	5	6	3	3	..	...	...	4	..	...	2	1	2	3	23	28	8
9	Delhi ...	Delhi ...	189,64[illegible]	39	43	82	148	75	73	...	.	4	88	4	1	51	24	20	44	23	41	9
10		Sonepat ...	12.611	2	3	5	13	8	5	...	...	...	11	1	...	1	1	1	2	21	54	10
11	Karnal ...	Karnal ...	21,530	5	3	8	28	14	14	...	...	...	10	...	...	18	3	2	5	19	68	11
12		Kaithal ...	15,768	4	3	7	13	10	3	...	...	1	6	...	...	6	3	2	5	23	43	12
13		Panipat ...	27,547	2	4	6	29	13	16	...	...	...	16	...	.	13	4	4	8	11	55	13
14		Shahabad ...	11,473	3	3	6	8	4	4	...	...	...	7	...	..	1	2	1	3	27	36	14
15	Umballa ...	Umballa ...	26,856	6	8	14	16	5	11	...	...	...	7	...	..	9	3	2	5	27	31	15
16		Jagadhri ...	13,029	4	...	4	8	3	5	...	...	...	8	...	..	...	1	1	2	16	32	16
17		Sadhaura ...	10,445	1	...	1	11	4	7	...	...	...	3	...	...	8	2	...	2	5	55	17
18	Hoshiarpur	Hoshiarpur ...	17,546	2	1	3	13	5	8	...	...	1	8	...	..	4	1	2	3	9	39	18
19		Tanda and Urmar	11,632	2	3	5	18	9	9	...		5	11	...	...	2	1	5	6	22	81	19
20	Jullundur ...	Jullundur ...	50,375	16	8	24	49	26	23	...	...	...	26	3	..	20	6	8	14	25	51	20
21		Rahon ...	10,667	5	1	6	10	3	7	...	...	...	3	1	...	6	1	1	2	29	49	21
22		Kartarpur ...	10,441	2	1	3	6	5	1	...	...	...	1	1	...	4	2	1	3	15	30	22
23	Ludhiana ...	Ludhiana ...	46,024	7	5	12	27	12	15	...	...	...	7	2	...	18	...	2	2	14	31	23
24		Jagraon ...	18,116	4	5	9	14	4	10	...	..	...	11	...	...	3	...	3	3	26	40	24
25	Ferozepore ...	Ferozepore ...	25,337	5	1	6	13	9	4	...	..	...	6	...	...	7	4	1	5	12	27	25
26	Mooltan ...	Mooltan ...	64,265	21	13	34	39	20	19	...	..	...	17	6	1	15	3	6	9	28	32	26
27	Jhang ...	Maghiana ...	13,866	4	3	7	9	5	4	...	...	...	1	...	1	7	...	1	1	26	34	27
28		Chiniot ...	13,476	2	3	5	11	6	5	...	...	...	...	1	...	10	1	2	3	19	43	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	31	28	59	92	49	43	...	...	...	49	2	2	39	7	11	18	19	30	29
30		Kasur ...	20,290	6	2	8	23	12	11	...	...	...	14	...	1	8	1	4	5	21	59	30
31		Chunian ...	10,339	5	1	6	11	6	5	...	...	...	4	2	...	5	4	2	6	30	55	31
32	Amritsar ...	Amritsar ...	135,401	38	32	70	137	73	64	...	...	...	69	2	1	65	16	14	30	27	53	32
33	Gurdaspur ...	Batala ...	27,223	8	7	15	22	13	9	...	...	...	15	1	1	5	2	2	4	29	42	33
34	Sialkot ...	Sialkot ...	33,965	10	10	20	23	9	14	...	...	...	8	1	...	14	2	4	6	31	35	34
35	Gujrat ...	Gujrat ...	17,671	9	4	13	20	8	12	...	...	...	11	...	...	9	2	1	3	30	59	35
36		Jalalpur ...	11,065	2	3	5	9	4	5	...	...	...	2	3	1	3	1	1	2	24	42	36
37	Gujranwala ...	Gujranwala ...	25,892	5	1	6	11	6	5	...	...	...	9	...	...	2	1	...	1	12	22	37
38		Wazirabad ...	15,786	3	4	7	13	9	4	...	...	...	4	...	...	9	2	1	3	23	43	38
39	Shahpur ...	Bhera ...	17,428	4	...	4	7	4	3	...	...	...	2	...	1	4	1	...	1	12	21	39
40	Jhelum ...	Pind Dadan Khan	15,055	2		4	15	10	5	...	...	...	5	5		5	3	1	4	14	52	40
41	Rawalpindi ...	Rawalpindi ...	38,334	6	4	10	3	16	16	...	...	...	19	1	...	12	4	2	6	14	44	41
42	Peshawar ...	Peshawar ...	63,079	15	14	29	28	13	15	...	...	...	21	1	...	6	3	1	4	24	23	42
43	Kohat ...	Kohat ...	14,347	3	5	8	6	4	2	...	...	...	3	...	...	3	...	1	1	29	22	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	2	3	5	3	18	13	...	...	...	16	2	...	13	2	3	5	12	75	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	5	1	6	14	9	5	...	...	1	10	1		2	1	...	1	13	31	45
	Grand Total ...		1,412,77	324	259	583	1,061	549	512	...	...	13	543	47	10	448	125	122	247	22	39	
	Hill Sanitaria.																					
	Simla		13,279	4	3	7	7	3	4		...	...	4	...	...	3	2	1	3	27	27	
	Dharmsala		2,778	...	4	4	3	1	2	...	...	...	...	...	...	3	...	1	1	75	56	
	Dalhousie		807	...	...	...	3	2	1		...	...	2	...	...	1	...	...	...	...	194	
	Murree		1,459	...	...	...	2	1	1	...	...	...	2	...	...	...	...	...	...	...	71	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE, LAHORE: *The 2nd June 1898.*

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 14TH MAY 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 583 births were registered (324 males and 259 females), giving a birth-rate of 22 per *mille* of population; 1,061 deaths were registered (549 males and 512 females), giving a death-rate of 39 per *mille* of population. [Thirty-six d‥ths were registered from Plague in the Jullundur District and 18 in the Hoshiárpur District during the ‥ek.]

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGEON-LIEUT.-COLONEL,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 2nd June 1898.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 21ST MAY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar	Hissar ...	16,854	1	3	4	9	5	4	...	...	...	3	...	...	6	...	...	...	12	28	1
2		Hansi ...	15,190	3	...	3	10	7	3	...	...	...	4	1	...	5	3	2	5	10	34	2
3		Bhiwani ...	35,487	2	4	6	7	5	2	...	...	...	3	...	1	3	2	...	2	9	10	3
4		Sirsa ...	16,415	4	2	6	8	6	2	...	...	...	3	...	...	5	2	...	2	19	25	4
5	Rohtak	Rohtak ...	16,191	4	4	8	6	5	1	...	...	...	5	...	...	1	1	...	1	26	19	5
6		Jhajjar ...	11,881	1	2	3	7	4	3	...	...	...	3	...	...	4	...	...	...	13	31	6
7	Gurgaon	Rewari ...	27,934	4	3	7	15	7	8	...	...	...	6	2	...	7	1	1	2	13	28	7
8		Palwal ...	11,217	...	3	3	7	4	3	...	...	...	5	...	...	2	1	1	2	14	33	8
9	Delhi	Delhi ...	183,648	38	38	76	137	75	62	...	...	2	81	...	...	54	21	16	37	21	38	9
10		Sonepat ...	12,611	1	6	7	9	6	3	...	...	...	5	3	...	1	1	...	1	29	37	10
11	Karnal	Karnal ...	21,530	7	3	10	46	25	21	...	...	...	22	...	...	24	11	8	19	24	111	11
12		Kaithal ...	15,763	3	1	4	10	5	5	...	...	...	5	...	...	5	2	3	5	13	33	12
13		Panipat ...	27,547	4	3	7	28	14	14	...	...	...	11	1	...	16	1	2	3	13	53	13
14		Shahabad ...	11,473	1	...	1	4	2	2	...	...	...	4	...	...	...	...	...	...	5	18	14
15	Umballa	Umballa ...	26,856	1	3	4	10	9	1	...	...	...	4	...	...	6	...	1	1	8	19	15
16		Jagadhri ...	13,029	2	3	5	9	4	5	...	...	...	7	1	...	1	...	...	...	20	36	16
17		Sadhaura ...	10,445	3	3	6	12	7	5	...	...	...	10	...	...	2	1	1	2	30	60	17
18	Hoshiarpur ...	Hoshiarpur ...	17,546	2	6	8	11	3	8	...	...	...	6	1	2	2	1	2	3	24	33	18
19		Tanda and Urmar	11,632	4	1	5	13	7	6	...	...	2	10	...	...	1	1	...	1	22	58	19
20	Jullundur	Jullundur ...	50,375	20	15	35	33	20	13	...	...	...	21	2	...	10	5	1	6	36	34	20
21		Rahon ...	10,667	5	1	6	7	3	4	...	...	...	2	...	...	5	1	1	2	29	34	21
22		Kartarpur ...	10,441	3	3	6	6	5	1	...	...	...	4	1	...	1	...	...	...	30	30	22
23	Ludhiana	Ludhiana ...	45,024	9	3	12	39	26	13	...	...	...	10	4	1	24	1	3	4	14	44	23
24		Jagraon ...	18,216	2	2	4	12	4	8	...	...	...	7	...	...	5	...	2	2	[illegible]	35	24
25	Ferozepore ...	Ferozepore ...	25,337	7	4	11	9	8	1	...	...	...	4	1	...	4	1	...	1	23	19	25
26	Mooltan ...	Mooltan ...	61,265	13	19	32	34	27	7	...	...	...	17	2	1	14	5	6	11	26	28	26
27	Jhang	Maghiana ...	13,866	2	1	3	5	2	3	...	...	...	...	...	...	5	2	1	3	11	19	27
28		Chiniot ...	13,676	3	4	7	14	11	3	...	...	...	5	...	...	9	3	2	4	27	54	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	34	34	68	102	47	55	...	...	...	57	7	...	38	10	11	21	22	33	29
30		Kasur ...	20,290	5	7	12	14	10	4	...	...	...	6	...	1	7	5	...	5	31	36	30
31		Chunian ...	10,339	3	2	5	11	5	6	...	...	...	3	...	...	8	1	...	1	25	55	31
32	Amritsar ...	Amritsar ...	135,401	32	32	64	128	57	71	...	...	...	59	1	1	67	16	10	26	25	49	32
33	Gurdaspur ...	Batala ...	27,223	11	3	14	17	9	8	...	...	2	7	3	...	5	...	1	1	27	33	33
34	Sialkot ...	Sialkot ...	33,965	14	7	21	28	13	15	...	...	...	8	1	...	19	4	5	9	32	43	34
35	Gujrat ...	Gujrat ...	17,671	3	5	8	16	10	6	...	...	...	6	1	...	9	1	...	1	24	47	35
36		Jalalpur ...	11,065	1	3	4	10	7	3	...	...	...	4	1	...	5	2	...	2	19	47	36
37	Gujranwala...	Gujranwala ...	25,892	4	5	9	16	7	9	...	...	...	10	1	...	5	4	2	6	18	32	37
38		Wazirabad ...	15,786	5	4	9	7	3	4	...	...	...	3	1	...	3	1	2	3	30	23	38
39	Shahpur ...	Bhera ...	17,428	9	8	17	7	4	3	...	...	...	1	4	...	2	2	1	3	51	21	39
40	Jhelum ...	Pind Dadan Khan	15,055	5	3	8	9	1	8	...	...	...	4	2	2	1	...	1	1	28	31	40
41	Rawalpindi...	Rawalpindi ...	38,334	5	3	8	23	13	10	...	...	...	14	1	1	5	4	2	6	11	31	41
42	Peshawar ...	Peshawar ...	63,079	16	12	28	33	21	12	...	...	...	24	2	1	6	3	...	3	23	27	42
43	Kohat ...	Kohat ...	14,347	2	3	5	9	5	4	...	...	2	6	...	...	1	2	1	3	18	33	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	4	4	8	29	14	15	...	...	...	11	3	...	15	6	5	11	19	70	44
45	D. G. Khan...	Dera Ghazi Khan	23,899	...	2	2	6	4	2	...	...	...	6	...	...	...	2	...	2	4	13	45
	Grand Total	...	1,336,457	302	277	579	982	526	456	...	...	8	496	47	11	420	129	94	223	21	36	
	Hill Sanitaria.																					
	Simla ...	...	13,279	3	1	4	12	8	4	...	...	...	9	...	...	3	2	1	3	16	47	
	Dharmsala ...	...	2,778	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	19	
	Dalhousie ...	...	807	...	...	...	2	2	...	...	...	...	2	...	...	...	...	...	...	...	129	
	Murree ...	...	1,459	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	71	...	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 8th June 1898.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGEON-LIEUT.-COLONEL,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 21ST MAY 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 579 births were registered (302 males and 277 females), giving a birth-rate of 21 per *mille* of population; 982 deaths were registered (526 males and 456 females), giving a death-rate of 36 per *mille* of population.

[Seventeen deaths were registered from plague in the Jullundur District and 4 in the Hoshiarpur District during the week.]

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 8th June 1898.

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of April 1898 as compared with the same month of the previous year.

	Staples.	Total 1898.	Total 1897.	Increase.	Decrease.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
I	Coal and Coke carried for the Public and Foreign Railways	4,462	501	3,961	...	
II	Cotton, Raw—					
	(1) Full pressed	7,013	9,513	...	2,500	
	(2) Intermediate and half pressed ...	58	65	...	7	
	(3) Unpressed	878	1,211	...	333	
III	Cotton, Manufactured—					
	(1) Twist and Yarn, European ...	187	193	...	6	
	(2) Twist and Yarn, Indian ...	755	475	280	...	
	(3) Piece-goods, European ...	2,740	1,246	1,404	...	
	(4) Piece-goods, Indian	1,566	1,306	260	...	
IV	Drugs and Chemicals—					
	(1) Intoxicating other than opium ...	4	1	3	...	
	(2) Non-intoxicating—					
	(a) Cinchona bark	...	...	...	...	
	(b) Others	26	15	11	...	
V	Dyes and Tans—					
	(1) Indigo	139	25	114	...	
	(2) Myrabolams	22	12	10	...	
	(3) Cutch	13	152	...	139	
	(4) Turmeric	159	244	...	85	
	(5) Aniline dyes	123	73	50	...	
	(6) Others	198	314	...	116	
VI	Grain and Pulse—					
	(1) Wheat	32,714	9,857	22,857	...	
	(2) Rice in the husk	538	920	...	382	
	(3) Rice not in the husk	3,154	3,397	...	243	
	(4) Jowár and Bájra	11,102	5,155	6,037	...	
	(5) Gram and Pulse	5,426	2,995	2,431	...	
	(6) Others	5,393	5,932	...	539	
VII	Hides and Skins—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	70	77	...	7	
	(b) Raw	172	315	...	143	
	(2) Skins of sheep, &c.—					
	(a) Dressed or tanned ...	40	71	...	31	
	(b) Raw	246	181	65	...	
VIII	Horns	2	46	...	44	
IX	Jute—					
	(1) Raw	61	123	...	62	
	(2) Gunny bags and cloth	1,936	1,192	744	...	
X	Lac—					
	(1) Stick	21	4	17	...	
	(2) Shell	3	5	...	2	
XI	Leather, Manufactured	28	18	10	...	
XII	Liquors—					
	(1) Beer	238	183	55	...	
	(2) Spirits	28	22	6	...	
	(3) Wines	60	57	3	...	
XIII	Metals—					
	(1) Copper, unwrought	84	26	58	...	
	(2) Brass, unwrought	253	116	137	...	
	(3) Copper, wrought	55	34	21	...	
	(4) Brass, wrought	136	80	56	...	
	(5) Iron	5,961	1,625	4,336	...	
	(6) Others	125	60	65	...	
XIV	Oils—					
	(1) Kerosene	350	414	...	64	
	(2) Castor	101	45	56	...	
	(3) Cocoanut	55	62	...	7	
	(4) Others	140	171	...	31	

	Staples.	Total 1898.	Total 1897.	Increase.	Decrease.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
XV	Oil-seeds—					
	(1) Linseed	1,716	1,122	594	...	
	(2) Rape and Mustard	14,192	6,450	7,742	...	
	(3) Til or Jinjili	661	556	105	...	
	(4) Poppy	1,847	2,477	...	630	
	(5) Earthnuts	69	398	...	329	
	(6) Castor	480	439	41	...	
	(7) Others	4,330	4,074	256	...	
XVI	Opium	370	460	...	90	
XVII	Paper and Paste-board	121	116	5	...	
XVIII	Provisions—					
	(1) Ghi	721	460	261	...	
	(2) Dried Fruits and Nuts ...	544	512	32	...	
	(3) Others	2,619	1,235	1,384	...	
XIX	Railway Plant and Rolling Stock carried for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders and parts thereof	131	35	96	...	
	(2) Carriages and trucks and parts thereof	279	34	245	...	
	(3) Materials—					
	(a) Steel rails and fish-plates ...	217	296	...	79	
	(b) Sleepers and keys of steel and cast-iron	1,700	681	1,019	...	
	(c) Other sorts	2,636	3,362	...	726	
XX	Salt	19,945	14,949	4,996	...	
XXI	Saltpetre, &c.—					
	(1) Saltpetre	743	1,260	...	517	
	(2) Other saline substances ...	147	168	...	21	
XXII	Silk, Raw—					
	(1) Foreign	24	12	12	...	
	(2) Indian	...	2	...	2	
XXIII	Silk Piece-Goods—					
	(1) Foreign	1	1	...	...	
	(2) Indian	9	2	7	...	
XXIV	Spices—					
	(1) Betelnuts	36	40	...	4	
	(2) Pepper	23	22	1	...	
	(3) Ginger	5	6	...	1	
	(4) Chillies	388	267	121	...	
	(5) Cardamoms	32	1	31	...	
	(6) Others	510	385	125	...	
XXV	Stone and Lime	2,074	2,880	...	806	
XXVI	Sugar—					
	(1) Refined or crystallized, including sugarcandy.	7,216	5,826	1,390	...	
	(2) Unrefined, *viz.*, molasses and jaggery or gur and other saccharine produce.	8,119	6,941	1,178	...	
XXVII	Tea—					
	(1) Foreign	27	39	...	12	
	(2) Indian	28	28	...	...	
XXVIII	Timber	2,996	2,949	47	...	
XXIX	Tobacco—					
	(1) Unmanufactured	2,156	1,233	923	...	
	(2) Manufactured—					
	(a) Cigars	17	14	3	...	
	(b) Other sorts	403	136	267	...	
XXX	Wool, Raw	746	1,741	...	995	
XXXI	Wool, Manufactured—					
	(1) Piece-goods, European ...	11	8	3	...	
	(2) Piece-goods, Indian	37	4	33	...	
	(3) Shawls	...	44	...	44	
XXXII	All other articles of merchandise—					
	(1) Firewood	2,251	1,115	1,136	...	
	(2) Hay and Grass	15	12	3	...	
	(3) Mowra flowers and seeds ...	228	183	45	...	
	(4) Others	11,310	8,728	2,582	...	
	Total ...	179,055	120,232	67,820	8,997	
	Net Increase ...	...	...	58,823	...	

Traffic Audit Office,
Ajmere:
The 25th May 1898.

R. A. ENGLISH,
Chief Auditor and Accountant.

DELHI UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 21st May 1898, on 162·24 miles open.

	Coaching Traffic.		*Merchandise and Mineral Traffic.*				*Traffic train-miles run.*		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	19,460	17,507 12 0	98,133 0	14,325 4 0	88 0 0	31,921 0 0	8,013	4,544	12,557
Or per mile of Railway	...	107 14 7	...	88 4 9	0 8 8	196 12 0	...	...	...
For previous $19\frac{1}{7}$ weeks of half-year	*574,625	*4,11,383 10 0	†19,16,707 30	†2,82,303 5 0	‡1,676 0 0	6,95,362 15 0	146,714	91,264	237,978
Total for $20\frac{1}{7}$ weeks ...	594,085	4,28,891 6 0	20,14,840 30	2,96,628 9 0	1,764 0 0	7,27,283 15 0	154,727	95,808	250,535
COMPARISON.									
Total for corresponding week of previous year ...	19,120½	16,250 15 8	87,679 20	9,380 0 0	53 7 0	25,684 6 8	6,501	4,388	10,889
Per mile of Railway corresponding week of previous year.	...	101 4 4	...	58 7 3	0 5 4	160 0 11	...	...	...
Total for corresponding $20\frac{2}{7}$ weeks of previous year ...	350,333	3,11,739 8 6	17,46,677 20	2,23,435 4 11	1,261 15 3	5,36,436 12 8	137,027	77,473	214,500

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 26th May 1898.

* Added No. of passengers 2,966 and Rs. 4,858 }
† Ditto Mds. 3,026 and deducted „ 1,933 } on account of difference between the Approximate and Audited figures for the weeks ended 9th and 16th April 1898.
‡ Ditto „ 64 }

T. BASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore--9-6-98--69e.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JUNE 16, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 14th JUNE 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	0·61 in Hissar ... 0·24 in Hánsi. 0·41 in Fatehabad.	1. Sufficient ... 2. Good.	Wheat 23 seers ... Bájra 23 seers. Gram 24 seers.	...	Rainfall has benefited kharif ploughings; sowing in progress on canal lands.
2	Delhi ...	0·04 at Sadr ...	1. Sufficient ... 2. Good, except in parts.	Wheat 13¼ seers Gram 20½ seers. Bájra 23 seers.	Stock of food-grain sufficient.	...
3	Umballa ...	0·94 at Sadr ...	1. Sufficient ... 2. Good.	Wheat 17½ to 19 seers. Gram 21½ to 22 seers. Makki 28 seers.	Wheat is still being bought up for export.	Sugarcane in good condition; manuring of land for kharif sowings in progress.
4	Jullundur ...	...	1. Sufficient ...	Wheat 18¼ seers Gram 21¼ seers. Maize 25 seers. Barley 27 seers.	Stock of food-grain sufficient ...	Sugarcane and cotton being irrigated.
5	Ferozepore ...	0·78 at Sadr ... 0·29 in City. 0·52 in Muktsar. 0·46 in Nathána. 0·14 in Jalálabad.	1. Sufficient ...	...	Extra rabi crops are ripe and are being reaped. Stocks sufficient.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
6	Mooltan ...	...	1. Dry sufficient, green scarce. 2. Good, except in parts.	Wheat, 2nd quality, 15¾ seers.	Rabi crops being gathered ...	Sidhnai Canal dry; water scanty in other canals. Khar[illegible]ings in progress.
7	Lahore ...	1·02 at Sadr ... 0·04 in Chuniân.	1. Sufficient ... 2. Good.	Wheat 16½ to 18¾ seers. Maize 25 to 29 seers.	...	Land being prepared for kharif sowings; irrigation of sugarcane and cotton crops in progress.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 18 seers ... Maize 22 seers.	Rabi harvesting completed. Food-stock sufficient.	Sugarcane and cotton crops in good condition.
9	Siálkot ...	0·08 average ...	1. Sufficient ... 2. Good.	Wheat 15 to 16 seers. Rice 9½ to 10½ seers.	Outturn below average ...	Crops on irrigated land promising; on bárâni drying up.
10	Shahpur ...	0·45 at Sadr ...	1. Sufficient ...	Wheat 17 to 20 seers. Bájra 20 to 25 seers.	Wheat harvesting finished; recent rains have slightly damaged wheat and gram stacked for threshing.	...
11	Ráwalpindi ...	0·23 in Pindigheb	1. Sufficient ...	Wheat 15 seers ... Bájra 21 seers. Maize 23 seers.	Threshing in progress. Stocks sufficient.	...
12	Peshâwar ...	0·03 average ...	1. Sufficient ... 2. Good.	Wheat $15\frac{9}{16}$ seers Maize $26\frac{1}{16}$ seers.	Food stock sufficient ...	Condition of standing crops good.
13	D. I. Khan ...	0·36 in Shekh Budín.	1. Sufficient ... 2. Good, except in parts.	Wheat 20 seers ... Bájra 21¼ seers.	Condition of standing extra rabi crops good; threshing of rabi crops in progress; outturn average.	...

GENERAL REMARKS.

Rainfall.—Rain averaging about an inch has fallen in Umballa, half an inch in Lahore and Shahpur, ⅔ in Hissar, Ferozepore and Dera Ismail Khan, ⅛ in Ráwalpindi, and slight showers In Delhi, Siálkot and Peshâwar.

Prices—Have fallen in Hissar, Umballa, Lahore and Amritsar, and have remained almost unchanged elsewhere. Wheat is selling from 13¾ to 23, gram 20½ to 24, maize 22 to 29, bulrush millet 20 to 25, and barley 27 seers per rupee.

Agricultural operations.—Ploughings for and sowings of the autumn crops in progress.

Crops and outturn.—Condition of standing crops good.

Damage done to crops.—*Nil.*

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder is generally sufficient throughout the Province.

P. D. SHROFF, *Supdt.*,
Office of Director of Land Records and Agriculture, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 28th May 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other Earnings (estimated).	Total Earnings.	Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	16,788	14,010 15 0	110,494 30	15,499 4 0	91 0 0	29,601 3 0	8,398	4,219	12,617
Or per mile of Railway	...	86 5 9	...	95 8 6	0 9 0	182 7 3	...	...	...
For previous 20½ weeks of half-year	594,085	4,28,891 6 0	2,014,840 30	2,96,628 9 0	1,764 0 0	7,27,283 15 0	154,727	95,808	250,535
Total for 21½ weeks ...	610,873	4,42,902 5 0	2,125,335 20	3,12,127 13 0	1,855 0 0	7,56,885 2 0	163,125	100,027	263,152
COMPARISON.									
Total for corresponding week of previous year ...	17,641½	13,165 13 1	114,296 30	10,527 11 0	63 7 6	23,756 15 7	6,534	4,398	10,932
Per mile of Railway corresponding week of previous year.	...	82 0 9	...	65 9 8	0 6 4	148 0 9	...	...	...
Total for corresponding 21½ weeks of previous year ...	367,974½	3,24,905 5 7	1,860,974 10	2,33,962 15 11	1,325 6 9	5,60,193 12 3	143,561	81,871	225,432

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 2nd June 1898.

T. BASHFORD,
Acting Chief Auditor.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	2			3			4			5		
	QUANTITIES PER RUPEE BY THE											
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 31st May 1898.	Past fortnight ending 15th May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st May 1898.	Past fortnight ending 15th May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st May 1898.	Past fortnight ending 15th May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st May 1898.	Past fortnight ending 15th May 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs	Srs.	Srs.	Srs.
Hissar ...	16	16	11	34	32	13	...	...	...	10	10	8
Rohtak ...	16	15	10	25	25	13	...	...	...	10	10	8
Gurgaon ...	15	15	11	26	27	14	...	...	...	7	7	7
Delhi ...	14	13	11	26	25	14	...	...	...	10	10	8
Karnál ...	15	15	12	25	25	14	...	...	...	8	12	8
Umballa ...	18	15	12	26	23	14	...	...	...	10	10	8
Simla ...	12	12	10	17	15	12	...	...	...	8	9	8
Kángra ...	16	14	12	21	20	16	...	...	...	10	10	8
Hoshiárpur ...	17	16	13	24	24	17	...	...	...	10	10	8
Jullundur ...	18	16	13	24	24	16	...	...	...	9	9	8
Ludhiána ...	17	16	12	28	24	15	...	...	...	8	9	8
Ferozepore ...	17	15	12	30	26	13	...	...	...	7	6	7
Mooltan ...	14	12	11	22	22	14	...	...	...	14	14	9
Jhang ...	10	17	12	24	26	15	...	...	...	10	10	8
Montgomery ...	16	13	11	22	22	‡	...	...	...	10	10	7
Lahore ...	16	14	12	29	25	13	...	...	...	10	9	6
Amritsar ...	16	14	12	24	23	16	...	...	...	9	9	7
Gurdáspur ...	18	16	13	28	28	18	...	...	...	10	10	7
Siálkot ...	15	14	12	24	23	15	...	...	...	11	11	7
Gujrát ...	16	16	12	24	24	16	...	...	...	9	9	8
Gujránwála ...	16	16	12	30	29	16	...	...	...	11	11	8
Shahpur ...	20	18	13	31	30	16	...	...	...	7	7	6
Jhelum ...	17	16	12	25	27	16	...	...	...	10	10	8
Ráwalpindi ...	16	15	11	29	30	14	...	...	...	8	8	6
Hazára ...	14	14	11	27	26	16	...	...	...	9	9	6
Pesháwar ...	15	14	11	25	28	18	...	...	...	8	8	7
Kohát ...	16	17	11	18	19	17	...	...	...	12	[illegible]	9
Bannu ...	20	22	14	32	38	18	...	...	...	13	13	8
D. I. Khan ...	19	15	12	24	24	15	..	...	...	7	10	6
D. G. Khan ...	14	14	11	23	23	13	...	...	...	14	14	7
Muzaffargarh	15	14	12	21	21	16	...	...	...	15	15	8

† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST MAY 1898.

ORDINARY SEER OF 80 TOLAS.

6			7			1	
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*				
Present fortnight ending 31st May 1898.	Past fortnight ending 15th May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st May 1898.	Past fortnight ending 15th May 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
24	24	11	23	23	9	Hissar.	
22	22	10	20	21	8	Rohtak.	
20	22	11	23	23	9	Gurgaon.	
22	22	10	22	23	9	Delhi.	
23	23	8	20	20	8	Karnál.	
25	25	9	20	20	8	Umballa.	
16	17	9	16	15	6	Simla.	
†	†	§	‡	†	§	Kángra.	
17	17	8	16	17	8	Hoshiárpur.	
18	18	§	18	18	8	Jullundur.	
21	21	8	21	21	9	Ludhiána.	
18	19	10	18	20	9	Ferozepore.	
16	16	9	20	21	10	Mooltan.	
25	23	6	20	‡	5	Jhang.	
§	18	§	§	§	§	Montgomery.	
17	17	11	17	17	9	Lahore.	
17	17	8	16	16	9	Amritsar.	
25	20	12	11	11	10	Gurdáspur.	
20	20	9	15	15	§	Siálkot.	
16	16	7	17	16	7	Gujrát.	
15	18	8	17	17	10	Gujránwála.	
16	16	8	20	18	8	Shahpur.	
20	20	10	23	23	8	Jhelum.	
26	26	11	21	22	9	Ráwalpindi.	
§	§	§	16	16	§	Hazára.	
16	20	9	17	18	7	Pesháwar.	
§	§	†	21	26	9	Kohát.	
41	41	8	31	38	7	Bannu.	
31	33	10	26	28	10	D. I. Khan.	
21	23	10	23	23	10	D. G. Khan.	
17	17	9	17	17	9	Muzaffargarh.	

duced.

curable.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	8			9			10			11		
	QUANTITIES PER RUPEE BY											
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 31st May 1898.	Past fortnight ending 15th May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st May 1898.	Past fortnight ending 15th May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st May 1898.	Past fortnight ending 15th May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st May 1898.	Past fortnight ending 15th May 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	26	25	11	†	†	10
Rohtak ...	†	†	†	10	10	10	21	21	10	18	18	9
Gurgaon ...	†	†	†	†	†	†	20	20	11	16	16	11
Delhi ...	†	†	†	13	13	8	20	19	10	23	23	9
Karnál ...	24	24	10	8	8	8	19	19	11	24	24	8
Umballa ...	§	§	12	16	16	‡	22	20	12	28	27	11
Simla ...	14	14	§	10	8	7	15	14	9	17	19	11
Kángra ...	§	§	20	‡	‡	§	17	14	10	21	22	12
Hoshiárpur ...	21	21	§	12	12	10	22	21	13	26	26	14
Jullundur ...	§	§	§	16	16	10	22	22	13	25	24	13
Ludhiána ...	†	†	†	16	16	6	23	23	12	27	28	12
Ferozepore ...	†	†	†	18	18	8	23	22	11	24	25	10
Mooltan ...	†	†	†	12	12	6	18	18	11	18	19	9
Jhang ...	16	24	8	14	28	9	18	17	11	22	20	9
Montgomery ...	§	§	§	§	§	†	20	19	11	§	§	‡
Lahore ...	§	§	§	22	23	12	20	19	12	28	28	7
Amritsar ...	§	§	§	16	17	10	21	20	11	21	23	‡
Gurdáspur ...	§	§	14	12	12	10	22	21	12	25	25	14
Siálkot ...	§	§	§	§	§	§	19	18	12	20	22	§
Gujrát ...	†	†	†	†	6	‡	17	17	12	20	20	9
Gujránwála ...	†	†	†	16	16	7	20	20	12	20	20	9
Shahpur ...	24	24	6	20	20	6	24	25	13	16	16	8
Jhelum ...	†	‡	‡	‡	‡	‡	19	19	12	23	23	10
Ráwalpindi ...	‡	‡	‡	11	11	10	19	18	11	23	23	16
Hazára ...	†	†	†	§	§	§	15	15	10	21	21	11
Peshávar ...	†	†	†	16	17	9	14	15	10	25	26	12
Kohát ...	†	†	†	§	§	§	15	18	13	21	24	14
Bannu ...	13	13	8	7	7	8	21	24	15	38	45	14
D. I. Khan ...	§	§	§	4	§	4	22	20	13	30	30	10
D. G. Khan ...	§	§	§	§	§	§	16	16	11	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	17	16	11	§	§	§

† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST MAY 1898—continued.

12			13			1
THE ORDINARY SEER OF 80 TOLAS.						
Arhur or Thur, Cadjan Pea (Cajanus Indicus).			*Firewood.*			
Present fortnight ending 31st May 1898.	Past fortnight ending 15th May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st May 1898.	Past fortnight ending 15th May 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
†	†	†	100	100	100	Hissar.
10	10	10	100	100	120	Rohtak.
16	16	12	120	140	140	Gurgaon.
19	19	12	90	90	100	Delhi.
15	15	8	160	160	160	Karnál.
§	§	§	150	150	150	Umballa.
8	7	7	65	65	80	Simla.
12	12	8	100	100	100	Kángra.
8	8	8	110	110	130	Hoshiárpur.
§	§	§	100	100	110	Jullundur.
10	9	7	110	100	110	Ludhiána.
7	7	6	90	90	100	Ferozepore.
†	†	†	80	100	110	Mooltan.
4	8	7	160	160	160	Jhang.
§	§	6	250	250	310	Montgomery.
9	9	6	95	89	100	Lahore.
‡	‡	§	90	90	110	Amritsar.
§	§	§	100	100	120	Gurdáspur.
§	§	§	130	130	130	Siálkot.
†	†	†	140	140	110	Gujrát.
‡	‡	†	90	90	95	Gujránwála.
†	†	†	160	160	160	Shahpur.
†	‡	‡	120	120	120	Jhelum.
‡	‡	‡	65	65	95	Ráwalpindi.
†	†	†	81	81	81	Hazára.
11	12	12	56	50	83	Peshávar.
†	†	†	102	102	128	Kohát.
5	5	7	70	70	74	Bannu.
6	6	4	125	125	125	D. I. Khan.
§	§	§	100	100	100	D. G. Khan.
6	6	§	140	140	140	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Firewood.—Prices average 113 seers as compared with 113 seers in last fortnight and 122 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Seers.	Seers.	Seers.
Rohtak	...	120	100	100
Hoshiárpur	...	130	110	110
Montgomery	...	310	250	250
Ráwalpindi	...	95	65	65
Peshávar	...	83	50	56

duced.

curable.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	14											
	QUANTITIES PER RUPEE BY											
	Salt.											
	Present fortnight ending 31st May 1898.				Past fortnight ending 15th May 1898.				Corresponding fortnight of 1897.			
DISTRICTS.	Wholesale.		Retail.		Wholesale.		Retail.		Wholesale.		Retail.	
	Srs.	C.	Srs.	C.	Srs.	C.	Srs.	C.	Srs.	C.	Srs.	C.
Hissar	11	4	11	0	11	4	11	0	11	4	11	0
Rohtak	11	0	11	0	11	0	11	0	11	0	11	0
Gurgaon	12	0	11	0	12	0	11	0	12	0	11	0
Delhi	11	12	11	8	12	4	12	0	12	0	11	0
Karnál	11	0	10	8	11	0	10	8	11	0	10	8
Umballa	13	0	12	12	13	0	12	12	13	0	12	12
Simla	9	0	8	8	9	0	8	8	9	12	9	0
Kángra	*		10	0	*		10	0	*		11	0
Hoshiárpur	13	0	12	12	13	0	12	12	13	0	12	12
Jullundur	13	4	13	0	13	4	13	0	13	4	13	0
Ludhiána	13	0	12	0	13	0	12	0	13	4	12	8
Ferozepore	12	12	12	8	12	12	12	8	12	12	12	8
Mooltan	12	12	12	4	12	12	12	4	13	0	12	8
Jhang	12	4	12	0	12	8	12	0	12	8	12	4
Montgomery	12	12	12	8	13	12	13	8	12	12	12	8
Lahore	13	10	12	10	13	10	13	2	13	6	12	14
Amritsar	13	0	12	0	13	0	12	0	13	0	12	0
Gurdáspur	13	0	12	0	13	0	12	0	13	0	12	0
Siálkot	14	0	13	12	14	0	13	12	14	0	13	12
Gujrát	*		14	0	*		14	0	*		14	0
Gujránwála	14	0	13	8	14	0	13	8	13	14	13	12
Shahpur	13	8	13	0	13	8	13	0	13	8	13	0
Jhelum	14	0	14	0	14	0	14	0	14	0	14	0
Ráwalpindi	14	0	13	12	14	0	13	12	13	14	13	12
Hazára	*		11	8	*		11	8	*		11	8
Peshávar	15	0	14	0	16	0	15	0	18	0	17	0
Kohát	18	3	15	12	19	2	16	10	20	6	18	0
Bannu	22	8	20	0	22	8	20	0	21	0	20	0
D. I. Khan	14	8	14	0	12	4	12	2	16	4	15	8
D. G. Khan	12	8	11	4	11	4	10	0	14	6	13	2
Muzaffargarh	*		12	0	*		12	0	12	0	12	0

* No whole
† Not pro
‡ Not sold.
§ Not pro

Prices Current Return for the fortnight ending 15th May 1898.
Against Ludhiána District under head "Kangni" *read* 16 seers *for* 6 seers.

O THE PUNJAB DURING THE FORTNIGHT ENDING 31ST MAY 1898—concluded.

THE ORDINARY SEER OF 80 TOLAS.

15			16			1
...d).	Gur.		Cotton (unginned).			
Present fortnight ending 31st May 1898.	Past fortnight ending 15th May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st May 1898.	Past fortnight ending 15th May 1898.	Corresponding fortnight of 1897.	Districts.
Srs. C	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
9 8	11 0	9 0	7 8	7 8	7 8	Hissar.
12 0	12 0	12 0	9 0	10 0	9 0	Rohtak.
10 8	10 8	11 0	9 0	9 0	9 0	Gurgaon.
9 0	9 0	9 0	9 8	9 8	9 0	Delhi.
11 0	11 0	10 0	11 0	11 0	10 0	Karnál.
9 0	9 0	9 0	10 0	8 0	9 0	Umballa.
7 0	6 8	7 0	†	†	†	Simla.
7 0	7 0	6 0	6 0	6 0	6 0	Kángra.
7 8	7 8	9 0	9 0	9 0	8 0	Hoshiárpur.
9 0	9 0	8 8	11 0	11 0	9 8	Jullundur.
7 0	7 0	7 0	8 0	8 8	7 8	Ludhiána.
7 12	7 12	8 12	8 12	8 12	7 12	Ferozepore.
7 8	7 8	7 0	9 0	9 0	7 8	Mooltan.
8 8	8 8	8 8	11 0	12 8	8 0	Jhang.
8 8	8 12	8 4	10 0	10 0	‡	Montgomery.
8 2	8 2	8 14	9 8	9 8	7 12	Lahore.
8 8	8 8	9 8	9 12	9 12	8 4	Amritsar.
9 0	9 0	10 0	9 0	9 0	8 0	Gurdáspur.
8 0	8 8	9 8	8 0	8 0	8 0	Siálkot.
8 0	8 0	8 0	9 0	9 0	9 0	Gujrát.
8 8	8 8	9 0	10 0	10 0	9 0	Gujránwála.
8 0	8 0	8 8	9 0	9 0	10 0	Shahpur.
8 8	8 4	9 4	‡	‡	‡	Jhelum.
8 4	8 4	8 12	8 12	8 12	8 12	Ráwalpindi.
7 0	6 0	7 0	§	§	§	Hazára.
6 12	6 11	7 6	9 0	9 0	9 10	Peshávar.
7 11	7 8	8 4	11 8	11 8	11 8	Kohát.
11 14	11 14	11 8	8 12	8 12	10 0	Bannu.
9 2	9 2	9 15	14 0	‡	10 0	D. I. Khan.
6 4	6 9	6 9	11 4	11 4	§	D. G. Khan.
8 0	7 8	8 8	11 0	11 0	8 0	Muzaffargarh.

sale salt sold.
duced.
curable.

REMARKS ON CURRENT VARIATIONS.

Lahori Salt.—Prices average 12 seers 4 chatáks as compared with 12 seers 6 chatáks in last fortnight and 12 seers 6 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Delhi ...	11 0	12 0	11 8
Kángra ...	11 0	10 0	10 0
Mooltan ...	12 8	12 4	12 4
Gujránwála ...	13 12	13 8	13 8

Kohát Salt.—Prices average 15 seers 2 chatáks as compared with 14 seers 12 chatáks in last fortnight and 16 seers 12 chatáks in corresponding period of 1897. The chief variations from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Peshâwar ...	17 0	15 0	14 0
D. G. Khan ...	13 2	10 0	11 4

Gur.—Prices average 8 seers 8 chatáks as compared with 8 seers 8 chatáks in last fortnight and 8 seers 13 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Karnál ...	10 0	11 0	11 0
Hoshiárpur ...	9 0	7 8	7 8
Amritsar ...	9 8	8 8	8 8
Siálkot ...	9 8	8 8	8 0
Peshâwar ...	7 6	6 11	6 12
D. I. Khan ...	9 15	9 2	9 2

Cotton (*unginned*).—Prices average 9 seers 9 chatáks as compared with 9 seers 7 chatáks in last fortnight and 8 seers 11 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Umballa ...	10 0	11 0	11 0
Jullundur ...	9 8	11 0	11 0
Jhang ...	8 0	12 8	11 0
Gujránwála ...	9 0	10 0	10 0
Bannu ...	10 0	8 12	8 12
Muzaffargarh	8 0	11 0	11 0

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUARTER

1	2	3	4	5	6	7	8	9	10	11	12
	WHOLESALE PRICE PER MAUND OF $82\frac{2}{7}$ lbs.										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi	2 8 0	3 10 2	2 10 8	1 8 7	1 13 1	1 11 10	1 11 10	2 0 0	3 1 3	4 7 1	3 3 2
Ferozepore ...	2 0 0	5 11 5	2 5 8	1 4 7	2 3 7	2 3 7	1 10 8	1 11 10	5 11 5	4 7 1	4 14 6
Mooltan	1 7 8	2 12 1	2 14 6	1 13 0	2 5 7	1 14 6	2 1 8	2 2 1	...	4 3 4	3 10 2
Lahore	2 6 9	4 1 3	2 5 8	1 5 4	2 2 8	2 3 6	1 6 6	1 14 4	4 1 8	3 5 4	3 2 2
Amritsar	2 6 9	4 7 1	2 5 1	...	2 4 7	...	...	1 12 7	...	...	3 3 2
Ráwalpindi ...	1 7 8	5 5 1	2 8 0	1 5 4	1 7 8	1 14 6	1 11 9	2 1 8	5 0 0	3 3 2	3 12 0

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 31ST MAY 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
OR 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.
20 0 0	5 0 0	4 5 2	10 10 8	32 0 0	3 7 8	8 0 0	11 13 8	...	0 10 8	0 6 3	0 7 1	25 0 0	60
5 11 5	5 0 0	5 0 0	12 12 9	34 0 0	3 4 3	5 0 0	11 6 10	30 0 0	0 5 3	0 4 0	...	75 0 0	50
6 10 8	5 0 0	11 13 0	11 2 7	37 10 3	3 8 11	10 0 0	13 5 4	...	0 4 4	0 6 4	0 11 7	70 0 0	50
4 11 3	4 7 1	4 12 5	12 4 11	35 8 11	2 9 0	5 11 5	12 4 11	31 0 0	1 0 0	0 6 9	...	105 3 6	100
4 0 0	4 9 2	4 9 2	12 4 11	...	2 7 5	...	11 8 0	...	...	0 6 1	...	...	...
5 8 0	4 0 0	4 10 0	13 5 4	33 11 0	2 13 9	4 0 0	11 0 6	32 0 0	0 8 0	0 6 9	0 10 8	60 0 0	60
	ah.												

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

AGRICULTURAL PROSPECT REPORT OF THE KILBA (SIMLA DISTRICT) FOR THE MONTH OF MARCH 1898 RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO THE PUNJAB GAZETTE DATED 14TH APRIL 1898.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			Rainfall of present year.				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Simla.	Kilba ...	21·31	...	6·00	0·45	6·24	...	6·24	

P. D. SHROFF, *Supdt.*,
Office of Director of Land Records and Agriculture, Punjab.

AGRICULTURAL PROSPECT REPORT OF THE KILBA (SIMLA DISTRICT) FOR THE MONTH OF APRIL 1898 RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO THE PUNJAB GAZETTE DATED 19TH MAY 1898.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average Rainfall of past years.			Rainfall of present year.				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th April.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th April 1898.	Total.	Condition of crops and cattle, and health of people.
Simla.	Kilba ...	21·31	4·79	4·79	0·88	6·24	0·88	7·12	

P. D. SHROFF, *Supdt.*,
Office of Director of Land Records and Agriculture, Punjab.

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MAY 1898.

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st May.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st May 1898.	Total.	Condition of crops and cattle, and health of people.
HISSAR.	Sirsa ...	2·20	0·01	0·61	1·65	1·39	1·65	3·04	Rainfall of the month proved very beneficial, and in certain parts of the district bájra was sown. Land was also ploughed for kharif sowings. Extra rabi harvested: outturn average. Cotton and indigo being sown on canal land. Fodder sufficient. General health of the district go d.
	Fatahabad ...	2·32	0·83	0·50	0·70	1·14	0·70	1·84	
	Hissar ...	2·37	0·71	0·49	2·01	1·78	2·01	3·79	
	Hánsi ...	1·09	1·13	0·74	1·36	1·11	1·36	2·47	
	Bhiwáni ...	1·68	0·92	0·63	2·94	1·81	2·94	4·75	
	Budhláda ...	...	...	...	0·48	1·94	0·48	2·42	
	Tohána ...	...	...	...	...	2·29	...	2·29	
JIND STATE.	Dhaneta (*c*) ...	...	...	...	1·30	1·29	1·30	2·59	
	Safidon (*c*) ...	...	...	...	0·55	2·50	0·65	3·15	
	Jind (*c*) ...	...	...	...	0·45	1·00	0·45	1·45	
BIKANER STATE.	Channi (*c*) ...	...	...	...	1·60	1·80	1·60	3·40	
ROHTAK.	Rohtak ...	2·26	0·73	0·51	2·58	1·40	2·58	3·98	Cotton and bájra are being sown in villages where rain has fallen. In canal irrigated villages cultivation of cotton, indigo and sugarcane continues. Extra rabi in good condition and is being harvested. Health of people good. Fodder plentiful. Stock of grain sufficient. Prices of food-grain are as follows:— Wheat ... 16 seers per rupee. Gram ... 21 " " Jowár ... 22 " " Bájra ... 21 " "
	Gohána ...	2·41	1·00	0·58	1·56	1·55	2·16	3·71	
	Sámpla ...	2·00	0·68	0·45	1·47	2·02	1·47	3·49	
	Jhajjar ...	1·84	0·92	0·57	1·80	1·48	2·55	4·03	
GURGAON.	Farukhnagar ...	...	...	...	1·46	1·65	1·51	3·16	The rainfall of the month at all stations, except Hodal and Sohna, was good. Sowings have commenced in parts on irrigated lands, and ploughing on unirrigated tracts is in progress. The rabi crops have all been cut and garnered, and the extra rabi on wells is progressing favourably. Cotton and indigo sowings in canal villages of the Palwal, Nuh and Fírozpur Tahsíls are in hand. Health of people good. Fodder sufficient. Prices have slightly risen. Wheat is selling at 14½ to 15½ seers, barley 26, jowár 20, bájra 23, gram 19½ seers.
	Játusána ...	...	...	...	0·80	0·50	0·80	1·30	
	Rewári ...	1·64	0·58	0·49	0·80	1·81	0·87	2·68	
	Shahjahánpur ...	...	...	...	1·00	1·56	1·00	2·56	
	Tauru ...	...	...	...	1·39	3·17	1·39	4·56	
	Núh ...	1·67	0·59	0·45	1·56	2·37	1·56	3·93	
	Fírozpur ...	1·00	0·57	0·45	0·74	2·30	0·80	3·10	
	Hodal ...	...	...	...	0·12	2·55	0·12	2·67	
	Hattín ...	...	...	...	1·28	3·29	1·28	4·57	
	Palwal ...	2·04	0·69	0·38	0·70	3·53	0·70	4·23	
	Sohna ...	...	...	...	0·10	2·30	0·10	2·40	
	Gurgaon ...	2·39	0·81	0·68	0·99	2·11	0·99	3·10	
	Punahána ...	...	...	...	0·53	2·92	0·53	3·45	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MAY 1898—(CONTINUED).

Explanation:—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st May.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st May 1898.	Total.	Condition of crops and cattle, and health of people.
Delhi.	Ballabgarh ...	1·99	0·66	0·55	0·58	2·87	0·58	3·45	The rain during the month was slight. Extra rabi in good condition. Kharif ploughings have begun. Fodder and stocks sufficient. Prices stationary. Health of people good.
	Mahrauli ...	...	...	...	0·40	2·45	0·72	3·17	
	Sadr (Delhi) ...	2·97	1·09	0·81	0·60	2·86	0·60	3·46	
	Sonepat ...	2·36	1·13	0·94	0·84	2·30	0·84	3·14	
Karnal.	Pánipat ...	2·49	0·85	0·47	0·19	3·10	0·19	3·29	A few showers of rain fell during the month, but were of little or no benefit. Extra rabi is in fair condition. Much damage has been caused to mango fruit by dust-storms and high winds. Rice is being sown. Prices are:—Wheat 15 seers, barley 27, gram 20, bájra 20, maize 24, and rice 8. Stocks of grain sufficient. Fodder available. General health good. No damage was done to crops, but slight injury was caused to zamíndárs' houses by fire.
	Karnal ...	4·02	1·63	1·06	0·20	5·94	0·20	6·14	
	Rajaund ...	...	...	...	0·37	1·52	0·37	1·89	
	Kaithal ...	2·36	0·68	0·45	0·45	2·19	0·45	2·64	
	Gulah ...	...	...	...	0·44	3·62	0·44	4·06	
	Thanesar (Pipli) ...	3·29	0·88	0·70	0·34	6·81	0·34	7·15	
Umballa.	Jagádhri ...	5·61	1·29	0·84	0·34	6·00	0·34	6·34	*Condition of crops, Rabi* 1898.—Harvested yield good; wheat is being bought up for export; and fall of prices stopped. Sugarcane in good condition. Dry fodder sufficient, green getting scarce. Health of people generally speaking good. Prices— Wheat ... 17 to 18 seers per rupee. Gram ... 21½ to 22 " " Maize ... 28 " "
	Umballa ...	3·93	1·52	0·96	0·39	9·46	0·53	9·99	
	Naráingarh ...	4·77	1·08	0·72	...	5·63	...	5·63	
	Kharar ...	4·72	1·28	0·89	0·08	7·51	0·33	7·84	
	Rúpar ...	4·84	1·38	0·75	...	7·84	0·28	8·12	
	Dádúpur (*c*) ...	...	...	...	0·10	6·50	0·20	6·70	
Patiala State.	Kotra (*c*) ...	...	...	...	0·29	1·07	0·29	1·36	
	Jodhpur (*c*) ...	...	...	...	0·73	1·62	0·73	2·35	
	Ràniki (*c*) ...	...	...	...	0·10	3·55	0·10	3·65	
	Lehal (*c*) ...	...	...	...	0·66	2·49	0·66	3·15	
	Gujrán (*c*) ...	...	...	...	1·65	3·00	1·65	4·65	
	Barthála (*c*) ...	...	...	...	0·86	4·18	0·89	5·07	
Nabha State.	Dadahur (*c*) ...	...	...	...	0·25	4·00	0·25	4·25	
	Bundher ...	...	...	...	0·55	2·16	0·55	2·71	
Simla.	Kasauli ...	7·95	3·73	2·26	0·15	6·25	0·60	6·85	Crop cut: outturn below average. Kharif sowing not yet commenced owing to want of rain. Health of people good.
	Bharauli ...	7·96	3·95	2·13	1·17	5·76	2·05	7·81	
	Simla ...	8·42	7·10	3·76	1·21	6·84	2·10	8·94	
	Kot Khái ...	10·88	7·68	4·27	0·83	5·12	1·48	6·60	
	Kotgarh ...	11·96	9·96	5·40	1·75	5·82	2·10	7·92	
	Kilba ...	21·31	8·98	4·19	1·61	6·24	2·49	8·73	
Kangra.	Plách ...	11·29	4·72	2·41	1·55	8·31	1·73	10·04	The rabi crops have all been h[illegible]ested, and as remarked on last month, the outturn on unirrigated lands has been found to be much below the average and that on irrigated lands about average. On irrigated lands the kharif sowings have commenced, but owing to an insufficient rainfall the unirrigated lands are by far too parched and dry to be sown on as yet. The public health continues good.
	Kulu ...	17·46	5·66	2·34	3·30	10·44	3·71	14·15	
	Nagar ...	13·10	5·50	2·94	2·48	10·20	2·92	13·12	
	Pálampur ...	17·35	3·89	2·42	1·08	8·20	1·22	9·42	
	Hamírpur ...	8·82	2·43	1·44	0·33	6·92	0·40	7·32	
	Dera ...	9·24	2·41	1·29	...	5·02	...	5·02	
	Kángra ...	9·99	1·92	1·25	0·25	6·10	0·44	6·54	
	Dharmsala ...	15·66	4·52	2·65	1·94	11·81	1·94	13·75	
	Núrpur ...	12·79	2·27	1·17	2·80	5·56	2·80	8·36	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MAY 1898—(CONTINUED).

Explanation :— (c) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st May.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st May 1898.	Total.	Condition of crops and cattle, and health of people.
Hoshiárpur.	Dasúya ...	6·14	1·55	0·71	0·47	6·38	0·47	6·85	The rabi outturn has been average. The extra rabi crops are in good condition. Tobacco is being cut. The mango crop is a good one this year, but dealers appear to be backward in purchasing the fruit for export to Amritsar and other places through fear of detention owing to the plague outbreak in this district. The sales already effected have fetched only about one-third of the usual price. Rice is being sown. Supplies of food grains and fodder are sufficient. The health of the people is good.
	Una ...	5·12	1·59	0·92	0·09	6·61	0·11	6·72	
	Garhshankar ...	5·24	2·02	1·25	0·37	7·78	0·49	8·27	
	Sadr Station ...	6·06	1·51	0·95	...	6·17	...	6·17	
	Hoshiárpur ...	...	...	...	...	6·09	...	6·09	
Jullundur.	Jullundur ...	4·53	1·41	0·97	0·07	4·19	0·07	4·26	Rabi threshings over. Outturn good. Condition of extra rabi good. General health good.
	Nakodar ...	3·28	1·07	0·43	0·09	5·64	0·09	5·73	
	Phillour ...	3·66	1·45	0·7[illegible]	0·04	4·88	0·04	4·92	
	Nawashahr ...	4·66	1·16	0·58	...	6·71	...	6·71	
Ludhiána.	Samrála ...	3·51	1·09	0·53	0·05	4·65	0·11	4·76	Threshing operations in progress. The outturn of the rabi crop is good. The extra rabi crops are also in good condition. Cotton is being sown on irrigated areas. Health of the people is good. The prices have fallen. Fodder and grain stocks are sufficient throughout the district.
	Ludhiána ...	4·15	1·44	0·80	0·13	4·16	0·13	4·29	
	Jagraon ...	2·44	0·79	0·45	0·26	4·82	0·26	5·08	
Ferozepore.	Moga ...	2·14	0·92	0·57	0·55	4·92	0·55	5·47	Stocks of food grains sufficient. Prices as follows :— Wheat ... 15¼ seers per rupee. Gram ... 23¼ " " Barley ... 28 " " Jowár ... 18½ " " Bájra ... 23 " " Maize ... 25½ " " The rabi crops have all been harvested. Extra rabi crops are standing and are nearly ripe. They were slightly damaged by hail and dust storm. Health of people has been generally good throughout the district. The rain that fell during the second and third weeks of the month was harmful to the harvested crops.
	Zira ...	2·47	0·92	0·48	0·44	5·22	0·44	5·66	
	Ferozepore Sadr ...	2·67	1·29	0·65	0·88	4·79	0·88	5·67	
	Ferozepore City ...	...	...	...	0·75	5·80	0·75	6·55	
	Muktsar ...	1·15	0·52	0·33	1·13	2·83	1·13	3·96	
	Fázilka ...	...	...	...	0·20	2·13	0·20	2·33	
	Nathána ...	...	...	...	1·67	2·46	1·67	4·13	
	Jalalabad ...	...	...	...	0·66	1·90	0·66	2·56	
	Gobindgarh (c) ...	...	...	...	0·20	1·40	0·20	1·60	
	Phidda (c) ...	Statement not received.							
Mooltan.	Mailsi ...	0·72	0·46	0·32	0·15	2·18	0·15	2·33	Rabi crops being threshed. Kharif sowings in progress. Health of people good. Water scanty in canals. Sidhnai dry.
	Lodhrán ...	0·91	0·44	0·15	0·05	2·54	0·05	2·59	
	Shujabad ...	0·93	0·37	0·20	0·05	2·04	0·05	2·09	
	Mooltan ...	1·17	0·46	0·26	0·08	1·88	0·08	1·96	
	Kabirwála ...	1·12	0·44	0·19	...	1·75	...	1·75	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MAY 1898—(CONTINUED).

Explanation :— (*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st May.	For month under report.	Month under report	1st October 1897 to 31st March 1898.	1st April 1898 to 31st May 1898.	Total.	Condition of crops and cattle, and health of people.
JHANG.	Shorkot ...	1·66	0·85	0·38		2·27	..	2·27	*Crops.*—Condition of crops good. In all the four tahsíls crops have been reaped and are being gathered. Extra rabi crops moderate. Kharíf crops are being sown. It hailed in some mauzas of Tahsíls Chiniot and Lyallpur, but caused no damage. Locusts appeared in the Chiniot Tahsíl villages, but did no damage. Fodder sufficient. *People.*—The health of people is generally good. Canals flowing. No river inundation.
	Jhang ...	**1·79**	**0·73**	**0·34**	**0·24**	**2·20**	**0·24**	**2·44**	
	Chiniot ...	1·97	1·00	0·47	1·58	3·54	1·58	5·12	
	Badwáli (*c*) ...	...	...	...	0·50	2·90	0·70	3·60	
	Tarkhani (*c*) ...	...	...	...	0·01	2·35	0·01	2·36	
	Murídwála (*c*) ...	...	...	...	...	3·19	...	3·19	
	Khewra (*c*) ...	...	...	...	...	2·70	...	2·70	
	Laklani (*c*) ...	...	...	...	0·05	2·60	0·05	2·65	
	Lyallpur (*c*) ...	...	...	...	0·40	3·50	0·40	3·90	
MONTGOMERY.	Gugera ...	1·46	0·65	0·35	0·49	3·02	0·49	3·51	*Crops.*—Prospects of extra rabi moderate. The kharíf sowings are in progress. Great deal of the rabi crop has been gathered; the little that remains is being gathered. Hail with rain fell at Gugera, but no damage done to the crops. *Health*—Good. *Food-grains*—Sufficient. *Canals.*—Canals are not flowing owing to the insufficient water in the rivers.
	Montgomery ...	**1·68**	**0·55**	**0·40**	...	**1·61**	...	**1·61**	
	Pákpattan ...	1·18	0·52	0·40	...	0·87	...	0·87	
	Dipálpur ...	1·44	0·38	0·15	...	2·89	0·07	2·96	
	Sandyanwala (*c*) ...	...	...	...	...	...	...	...	
LAHORE.	Van (*c*) ...	2·64	1·72	1·08	0·10	4·70	0·10	4·80	Rain fell during the month, which wetted grain on threshing floors. Outturn average. Threshing floor arson cases reported from parts of the district. Hail storm injured some extra rabi crops.
	Chunián ...	1·66	1·25	0·75	0·33	4·17	0·33	4·50	
	Kasúr ...	1·70	0·66	0·30	1·03	4·81	1·03	5·84	
	Pambe (*c*) ...	2·48	1·45	0·91	0·15	4·90	0·15	5·05	
	Sharakpur ...	1·79	0·68	0·37	1·06	4·04	1·06	5·10	
	Niáz Beg (*c*) ...	3·72	1·43	0·73	1·20	3·88	1·20	5·08	
	Lahore ...	**3·07**	**1·23**	**0·86**	**0·87**	5·62	0·87	6·49	
	Meean Meer (*c*) ..	4·39	2·05	1·37	1·16	5·80	1·16	6·96	
	Maniháia (*c*) ...	2·82	0·61	0·43	0·20	4·05	0·20	4·25	
	Daíthu (*c*) ...	...	...	...	...	3·30	...	3·30	
	Nijábat (*c*) ...	...	...	...	0·34	2·24	0·34	2·58	
AMRITSAR.	Buchar (*c*) ...	4·06	1·45	0·83	1·27	5·93	1·27	7·20	The harvesting of the rabi crops has been completed. Rice crop is being sown in certain Nahri tracts. Sugarcane and cotton crops are in good condition. Stock of food-grain is sufficient. Dry fodder is also sufficient. The health of people good. Prices have somewhat fallen; they are:— Wheat ... 17½ seers per rupee. Gram ... 22½ " " Barley ... 26 " " Maize ... 23 " " Jowár ... 18 " "
	Khara (*c*) ...	2·38	1·15	0·77	...	5·48	.	5·48	
	Tarn Táran ...	3·51	0·81	0·38	0·97	5·42	0·97	6·39	
	Raya (*c*) ...	4·59	1·05	0·51	0·34	4·44	0·34	4·78	
	Jail Hospital (Amritsar).	**4·52**	**1·50**	**0·90**	**0·91**	**5·54**	**0·91**	**6·45**	
	Amritsar (*c*) ...	...	...	...	0·85	6·40	0·85	7·25	
	Buggeh (*c*) ...	3·96	1·10	0·78	2·35	8·10	2·35	10·45	
	Ajnála ...	3·09	0·78	0·52	1·04	6·13	1·04	7·17	
GURDASPUR.	Aliwál (*c*) ...	4·00	1·36	0·77	2·20	4·58	2·20	6·78	Rabi has been cut. Health of people good, sugarcane and cotton crops thriving. Rainfall during the month was beneficial to cotton and sugarcane crops.
	Batála ...	5·53	1·15	0·65	1·60	4·33	1·60	5·93	
	Tibri (*c*) ...	5·77	1·44	0·85	1·45	6·20	1·45	7·65	
	Gurdaspur ...	**5·43**	**1·38**	**0·93**	**1·73**	**7·35**	**1·73**	**9·08**	
	Pathánkot ...	8·15	1·75	1·12	0·72	6·91	0·72	7·63	
	Dalhousie ...	13·32	5·66	2·72	4·14	13·34	4·14	17·48	
	Mádhopur (*c*) ...	10·62	2·16	1·19	1·20	6·40	1·20	7·60	
	Shakargarh ...	6·92	1·63	0·98	2·72	6·04	2·72	8·76	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MAY 1898—(CONTINUED).

Explanation :—(c) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st May.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st May 1898.	Total.	Condition of crops and cattle, and health of people.
SIALKOT.	Zafarwál ...	5·70	1·57	0·88	2·35	5·22	2·35	7·57	The rainfall during the month has not done much damage to the crops on the threshing floors. It has been beneficial to the standing crops of cotton and sugarcane. The outturn of rabi crops is average in irrigated and below average in unirrigated lands. Threshing of the crops is nearly finished. Green fodder scanty; dry is procurable everywhere. Health of people generally good. Rate of wheat is Rs. 2-8-0 per maund. Locusts appeared in Daska and Zafarwál Tahsíls, passing from east to west, causing no damage and depositing no eggs.
	Pasrúr ...	5·85	2·39	0·87	1·20	5·56	1·20	6·76	
	Raya ...	4·03	1·23	0·77	1·46	6·19	1·46	7·65	
	Daska ..	4·94	1·83	0·99	1·48	6·76	1·48	8·24	
	Siálkot ...	**5·87**	**2·96**	**1·25**	**1·09**	**5·89**	**1·12**	**7·01**	
GUJRAT.	**Gujrat (Sadr)** ...	**6·52**	**2·02**	**0·90**	**1·35**	**6·13**	**1·35**	**7·48**	Rain fell at a time when much of the harvested crops were on the threshing floor, and anxiety was therefore felt, but the fall has not been excessive, and therefore no damage has been done either to grain or bhusa. Most of the grain has been garnered, though still some is on the threshing floor. In parts of Gujrát Tahsíl very good produce has resulted, but generally speaking the produce in tracts where sowings were late has been poor, especially in the Bár. A flight of locusts was observed in two or three places, but passed off without causing any damage. Health of people excellent.
	Khárián ...	6·35	1·66	0·83	0·76	5·85	0·76	6·61	
	Phália ...	4·65	1·91	0·95	0·44	4·24	0·45	4·69	
GUJRÁNWALA.	Rámnagar ...	3·02	1·28	0·90	...	5·84	...	5·84	Rabi crops harvested. Outturn average. Extra spring crops in good condition. Health of people generally good. Prices of food grain stationary. Fodder and stock of food grain sufficient.
	Wazírabad ...	4·57	1·43	0·76	1·44	5·86	1·44	7·30	
	Sadr Kacheri (Gujranwala).	**4·86**	**1·43**	**0·73**	**1·61**	**4·68**	**1·61**	**6·29**	
	Shekhupura ...	2·14	1·12	0·91	0·60	5·47	0·60	6·07	
	Háfizabad ...	3·79	1·70	0·70	1·56	6·86	1·56	8·42	
	Khángah Dográn ...	...	...	...	1·31	6·76	1·31	8·07	
	Rámpur (c) ...	...	...	...	0·80	5·00	0·80	5·80	
	Pacca Dalla (c) ...	...	...	...	0·50	4·10	0·50	4·60	
	Firoz (c) ...	...	...	...	1·00	3·86	1·00	4·85	
SHAHPUR.	Midh ...	3·88	0·72	0·58	...	4·00	...	4·00	Rabi crop has suffered somewhat from the rain this month, but has been harvested. Fodder plentiful. Health of people good. *Prices.* Wheat ... ... 18 seers. Barley ... ... 30 " Gram ... ... 22 " Bájra ... ... 25 " Jowár ... ... 20 "
	Sáhiwál ...	2·88	1·40	0·70	1·56	2·50	1·56	4·06	
	Núrpur ...	1·96	0·80	0·70	1·11	2·65	1·11	3·76	
	Mitha Tiwána ...	2·48	1·52	0·64	1·00	1·25	1·00	2·25	
	Sakesar ...	0·97	0·77	0·64	...	9·73	...	9·73	
	[illegible]ushahra ...	4·10	2·04	1·46	2·18	4·51	2·18	6·69	
	[illegible]husháb ...	2·47	0·98	0·38	2·93	3·49	2·93	6·42	
	Shahpur ...	**3·58**	**1·66**	**0·93**	**2·15**	**3·85**	**2·15**	**6·00**	
	Bhera ...	3·61	1·75	0·76	1·99	4·92	1·99	6·91	
	Miáni ...	4·72	1·04	0·64	1·00	4·20	1·00	5·20	
JHELUM.	Pind Dádan Khan ...	4·18	1·10	0·49	1·49	5·25	1·49	6·74	The extra rabi crops have to some extent benefited by rain, and the rabi crops have been gathered in. Stock of grain sufficient and prices are falling. Fodder plentiful. Health of people good. No inundation in river.
	Jhelum (Sadr) ...	**5·49**	**1·93**	**1·00**	**1·15**	**7·33**	**1·15**	**8·48**	
	Chakwál ...	4·23	1·74	0·96	1·31	5·86	1·31	7·17	
	Talagang ...	4·82	2·58	1·55	2·26	4·25	2·26	6·51	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MAY 1898—CONTINUED.

Explanation :—(*c*)—Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average Rainfall of past years.			Rainfall of present year.				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st May.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st May 1898.	Total.	Condition of crops and cattle, and health of people.
Rawalpindi.	Pindigheb ...	5·01	2·21	0·81	1·42	5·55	1·42	6·97	Rabi crops are being cleaned. Threshing in progress Outturn average. Young locusts appeared in Fatehjang Tahsíl, but were destroyed. Prices falling. Kharíf crop sparingly sown after recent rains.
	Fatahjang ...	6·99	1·75	0·97	0 83	6·95	0·83	7·78	
	Attock ...	6·51	1·79	0·90	0·20	7·42	0 20	7·62	
	Rawalpindi ...	8·87	3 41	1 41	1·13	6·63	1·13	7 76	
	Gujar Khan ...	7·53	2·19	1·49	1·65	6·13	1·65	7 78	
	Kahúta ...	8 69	2·16	1·20	1·46	6·54	1 52	8·06	
	Murree ...	9·53	6·90	3·83	3 68	12·93	4·17	17·10	
Hazara.	**Abbott-abad** ...	14·82	5 87	2·60	3·70	13·63	5·72	19·35	Rain wanted for standing crops and for future ploughings. Former suffering; latter delayed. Rabi crops harvested save in the higher ranges. Outturn average; poor on unirrigated later sowings. Moth and cotton sown on dry plain tracts; maize on high lands. *People.*—Health good. Fodder and grain stocks newly replenished. *Prices*—Falling slightly. Water from irrigation cuts ample at present, but running low.
	Mánsahra ...	14·87	4 67	1·52	3 46	11·16	4·60	15·76	
	Haripur ...	11·24	3·61	1·33	2 99	6·22	3·87	10·09	
Peshawar.	Swábi ...	5·88	2·35	1·00	0·35	8·67	0·50	9·17	Cotton and chari are being sown in some parts of the district. The condition of standing kharíf crops is good. Nearly all the rabi crops have been harvested except wheat, which is said to be still standing in some parts of the Swábi Tahsíl. Outturn of wheat and barley in the Utman and Razzar Tapas of the Swábi Tahsíl is said to be below average, and in the Bolaknama Tapa of the same tahsíl it is reported to be good. In remaining four tahsíls it is generally average. Stock of food grain and fodder sufficient. The prices of food grain in the Peshâwar City on the last day of the month were as follows:— Wheat ... 15 5/16 seers per rupee. Maize ... 26 " " The water in the River Indus is said to be increasing. There was sufficient water in canals and rivers.
	Lahor (Utman Bolak)	6·01	1·93	0·44	0·20	5·86	0·36	6·22	
	Nowshera ...	6·15	1 91	0·70	...	6·68	0 41	7·09	
	Mardán ...	6·66	1·73	0·45	0 80	7·31	1·21	8·52	
	Katlang ...	5·27	1·54	0·52	...	3·99	...	3·99	
	Chársada ...	5·17	1·16	0·33	0·80	5·76	1·54	7·30	
	Nabakki ...	5·95	2·17	0·52	0·15	6 22	0·15	6·37	
	Peshawar ...	5·42	2 40	0·72	1·23	5 77	1·43	7·19	
	Abazai (*c*) ...	...	...	...	0·95	5 35	0 95	6·30	
	Khán Máhi (*c*) ...	...	...	...	0·50	3·20	0 50	3·70	
	Pára Chinár (Kurram)	...	...	...	2 44	9·57	2 44	12 01	
Kohát.	**Kohát** ...	6·31	3·06	1·61	2·04	5·94	2·04	7 98	There has been a good fall of rain during the month under report, and water in the Toi and springs is sufficient. The rabi crops were all cut, but they were not out of the threshing floor during the month under report owing to a fall of rain and severe wind. The outturn of crops on irrigated lands is a little below the average, while that on unirrigated land is below that. The extra rabi crops promise well. The prospects of the rice crop are good. Hail fell in four villages of the Teri Tahsíl and two of the Hangu Tahsíl, but no appreciable injury was caused to crop. The health of the people was fair. Stocks of food grains are sufficient. Prices are rising owing to the purchases made by Commissariat Department and the outturn of the rabi crop being below the average. Fodder for cattle was sufficient.
	Hangu ...	...	...	...	2 83	6·99	3 18	10·17	
	Thal ...	...	...	...	1·18	7·12	1·18	8·30	
	Banda Daud Shah ...	...	...	...	2·32	5·24	2·32	7·56	
	Khushálgarh ...	...	...	...	0 89	0·13	0·89	1 02	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF MAY 1898—(CONTINUED).

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st May.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st May 1898.	Total.	Condition of crops and cattle, and health of people.
Bannu.	Miánwáli ...	2·50	1·58	0·63	1·63	4·16	1·63	5·79	Rabi crops are being harvested. The outturn has been good in Bannu; good to average elsewhere. Extra rabi crops are good except in some villages of Bannu and Marwat Tahsíls, where hail has done them some injury. Stock of food grains and fodder sufficient. Prices rising. Health of people good. Water in canals sufficient.
	Isa Khel ...	2·79	1·69	0·71	0·60	4·81	0·60	5·41	
	Bannu ...	3·28	1·81	0·67	0·79	4·46	0·90	5·36	
	Marwat ...	3·31	1·56	0·94	2·09	3·34	2·09	5·43	
Dera Ismail Khan.	Tánk ...	1·71	0·88	0·28	0·50	2·65	0·50	3·15	The condition of the standing extra rabi and cotton crops is good. A kind of grass-hopper locally known as "Muchel Tidda" has appeared in some villages of Dera Tahsíl, which is doing some damage to extra rabi crops. Rabi crops are being threshed and their outturn is average. High winds prevailed for three days in the second week of the month and damaged the threshed grain. Hail was reported in the second week of the month in Tánk, Kuláchi and Dera Tahsíls, which slightly damaged the extra rabi crops, and in Tánk Tahsíl a large number of sheep, goats, &c., were killed by hail and the threshed grain was damaged to some extent. Health of people good. Prices low, wheat 18 seers and bájra $27\frac{3}{16}$ seers per rupee.
	Kuláchi ...	1·77	0·95	0·41	0·56	2·84	0·56	3·40	
	Dera Ismail Khan...	2·24	1·16	0·43	0·39	5·04	0·39	5·43	
	Bhakkar ...	1·59	0·97	0·39	0·06	2·40	0·06	2·46	
	Leiah ...	1·48	0·89	0·28	0·03	1·70	0·03	1·73	
	Shekh Budín ...	...	...	...	1·39	4·88	1·39	6·27	
Dera Ghazi Khan.	Sanghar ...	1·40	1·52	0·88	0·08	1·69	0·08	1·77	Rabi harvesting concluded. Owing to failure of canals (due to fall of river) after running for a few days kharíf, sowings are delayed. Health of people good. Stock of grain and fodder ample.
	Dera Ghazi Khan...	1·99	0·85	0·55	0·53	1·25	0·53	1·78	
	Fort Munro ...	0·75	0·40	0·12	1·29	1·23	1·29	2·52	
	Jámpur ...	0·88	0·63	0·40	0·44	1·17	0·44	1·61	
	Rájanpur ...	0·52	0·65	0·34	0·04	0·84	0·04	0·88	
Muzaffargarh.	Alípur ...	1·00	0·56	0·24	0·09	2·05	0·09	2·14	Rabi crops collected; condition good, except in Nahri Circle, where for want of sufficient supply of water the crops have suffered. Food and fodder sufficient. Health of people good.
	Muzaffargarh ...	1·06	0·57	0·29	...	1·86	...	1·86	Rabi crops being collected. For want of canal water kharíf sowings have been less. Health of people good. Fodder and food grains sufficient.
	Sinánwán ...	1·48	0·66	0·16	0·16	1·29	0·16	1·45	Rabi crops collected; condition good. Health of people good. Kharíf crops being sown. Food and fodder sufficient. In Alípur only Puran Canal branch is supplying water. In Muzaffargarh, only Tehri Canal is running. In Sinánwán all the canals are running.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

MORTUARY RETURN FOR

Deaths registered from different causes in each district of

No.	Districts	Population according to Census of 1891.	Births.	Deaths.	Birth-rate per *mille* per annum.	Death-rate per *mille* per annum.	CAUSES: Plague. Males.	Plague. Females.	Plague. Total.	Cholera. Males.	Cholera. Females.	Cholera. Total.	Small-pox. Children under one year. Males.	Small-pox. Children under one year. Females.	Small-pox. One to under 12 years. Males.	Small-pox. One to under 12 years. Females.	Small-pox. Twelve and over 12 years. Males.	Small-pox. Twelve and over 12 years. Females.	Total of Small-pox.	Fevers. Males.	Fevers. Females.	Fevers. Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	775,808	1,065	1,430	17	22	...	...	...	...	...	...	...	...	4	4	1	...	9	560	540	1,100
2	Rohtak ...	590,446	1,008	1,310	21	27	...	...	...	...	...	...	...	...	...	...	...	...	...	539	480	1,019
3	Gurgaon ...	668,863	1,406	1,967	26	36	...	...	...	1	1	2	2	3	6	7	1	...	19	752	718	1,470
4	Delhi ...	635,224	1,341	1,667	26	32	...	...	...	..	...	..	5	1	...	1	..	1	8	50[illegible]	495	998
5	Karnál ...	861,094	2,165	2,070	31	29	...	...	...	...	...	...	6	7	23	18	...	1	55	766	662	1,428
6	Umballa ...	804,849	1,775	1,805	27	27	...	...	...	...	...	...	13	3	14	19	2	6	57	662	566	1,228
7	Simla ...	35,246	56	42	19	14	...	...	...	...	...	...	...	...	...	...	...	...	...	14	7	21
8	Kángra ...	759,458	2,125	2,159	34	35	...	...	.	...	...	...	...	...	..	...	..	...	...	784	720	1,504
9	Hoshiárpur ...	1,011,644	2,862	2,160	34	26	58	79	137	...	...	...	5	5	6	9	2	1	28	470	473	943
10	Jullundur ...	891,347	2,291	1,967	31	27	53	30	83	...	...	...	1	1	6	5	1	1	15	426	406	832
11	Ludhiána ...	648,655	1,720	1,666	32	31	...	...	...	...	...	...	...	1	9	9	..	...	19	490	465	955
12	Ferozepore ...	861,499	2,260	1,833	32	26	...	...	...	...	...	...	2	..	15	6	2	3	28	55[illegible]	526	1,082
13	Mooltan ...	620,859	1,403	1,137	27	22	...	...	...	...	...	...	...		1	1	...	...	2	412	376	788
14	Jhang ...	436,821	1,457	980	41	27	...	...	...	...	...	...	...	...	1	...	...	...	1	67	56	123
15	Montgomery	499,449	1,074	700	26	17	...	...	...	...	...	...	3	1	7	5	...	1	17	185	141	326
16	Lahore ...	1,055,619	2,852	1,854	33	21	...	...	...	...	...	...	2	3	5	10	2	...	22	591	491	1,082
17	Amritsar ...	990,990	2,667	2,086	33	26	...	...	...	...	...	...	5	6	11	9	1	2	34	575	517	1,092
18	Gurdáspur ...	940,785	2,452	1,899	32	25	...	...	...	...	...	...	2	2	10	9	1	...	24	602	572	1,174
19	Siálkot ...	1,098,712	2,837	2,087	31	23	...	..	...	...	...	...	3	3	27	1[illegible]	2	...	4[illegible]	612	592	1,204
20	Gujrát ...	760,823	1,851	1,233	30	20	...	...	...	...	...	...	1	..	...	...	...	...	1	377	350	727
21	Gujránwála ...	690,061	2,029	1,406	36	25	..	...	...	...	...	...	...	...	...	...	...	...	...	544	480	1,024
22	Shahpur ...	493,535	1,201	899	30	22	...	...	...	...	...	...	...	1	...	...	1	...	2	307	251	558
23	Jhelum ...	605,774	1,392	1,099	28	22	...	...	...	...	...	...	1	2	6	1	...	1	11	343	339	682
24	Ráwalpindi ...	845,259	2,215	1,619	32	23	...	...	...	...	...	...	1	5	3	4	...	1	14	618	535	1,153
25	Hazára ...	476,125	1,413	648	36	17	...	...	...	..	...	...	1	1	2	5	...	...	9	210	230	440
26	Peshásar ...	679,183	1,423	1,17[illegible]	25	21	...	...	...	...	...	...	4	1	...	1	...	...	6	580	395	975
27	Kohát ...	182,487	519	368	35	25	...	...	...	...	...	...	1	...	1	3	...	1	6	171	119	290
28	Bannu ...	369,972	1,16[illegible]	989	38	33	..	...	...	...	...	...	...	...	...	...		...	...	475	379	854
29	D. I. Khan ...	482,463	996	1,314	25	33	...	...	...	...	...	..	4	1	8	8	...	...	21	54[illegible]	508	1,053
30	D. G. Khan ...	399,860	1,997	1,855	61	56	...	...	...	...	...	...	2	...	3	7	3	2	17	923	751	1,674
31	Muzaffargarh	381,072	969	1,130	31	36	..	...	...	...	...	...	...	...	1	2	1	2	6	523	486	1,009
	TOTAL ...	20,553,982	51,98[illegible]	44,578	31	26	111	109	220	1	1	2	64	47	169	156	20	23	479	15,182	13,626	28,80[illegible]
	Total in previous month...	...	66,468	43,53[illegible]	38	25	28[illegible]	281	564	...	...	...	52	52	123	96	22	22	367	14,326	12,847	27,17[illegible]
	Total in same month of past year ...	...	54,532	35,695	32	21	...	...	...	...	...	...	277	220	47[illegible]	470	157	134	1,729	11,263	9,984	21,34[illegible]

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 14th June 1898.

THE MONTH OF APRIL 1898.

the Punjab during the month of April 1898.

OF DEATH.

Dysentery and Diarrhœa. Males.	Dysentery and Diarrhœa. Females.	Dysentery and Diarrhœa. Total.	Injuries. Suicide. Males.	Injuries. Suicide. Females.	Injuries. Suicide. Total.	Injuries. Wounding. Males.	Injuries. Wounding. Females.	Injuries. Wounding. Total.	Injuries. Accidents. Males.	Injuries. Accidents. Females.	Injuries. Accidents. Total.	Injuries. Snake-bite and killed by wild beasts. Males.	Injuries. Snake-bite and killed by wild beasts. Females.	Injuries. Snake-bite and killed by wild beasts. Total.	All other causes. Males.	All other causes. Females.	All other causes. Total.	Total Deaths from all causes. Males.	Total Deaths from all causes. Females.	Total Deaths from all causes. Total.	Districts.	No.
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	2	1
18	11	29	...	...	...	...	1	1	7	4	11	...	...	...	162	118	280	752	678	1,430	Hissar.	1
4	4	8	1	...	1	1	...	1	8	4	12	1	...	1	167	121	288	721	609	1,330	Rohtak.	2
31	18	49	...	5	5	1	...	1	6	7	13	1	...	1	239	168	407	1,010	927	1,957	Gurgaon.	3
30	13	43	1	2	3	...	...	...	8	4	12	...	...	...	337	266	603	884	783	1,667	Delhi.	4
26	17	43	1	...	1	1	...	1	4	6	10	...	...	...	294	238	532	1,121	949	2,070	Karnál.	5
12	15	27	...	1	1	2	1	3	7	3	10	...	1	1	240	238	478	952	853	1,805	Umballa.	6
...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	13	7	20	27	15	42	Simla.	7
25	17	42	1	2	3	...	1	1	15	7	22	1	...	1	303	283	586	1,129	1,030	2,159	Kángra.	8
64	44	108	1	...	1	12	1	13	5	11	16	...	...	...	494	420	914	1,117	1,043	2,160	Hoshiárpur.	9
37	27	64	1	...	1	...	...	...	7	7	14	1	1	2	481	475	756	1,014	953	1,967	Jullundur.	10
20	17	37	...	[illegible]	...	1	...	1	8	8	16	1	...	1	326	311	637	855	811	1,666	Ludhiána.	11
25	23	48	1	...	1	2	...	2	11	13	24	2	...	2	283	363	646	899	934	1,833	Ferozepore.	12
19	9	28	...	...		...	...	...	5	5	10	1	4	5	160	144	304	598	539	1,137	Mooltan.	13
7	10	17	...	...	...	...	...	...	10	2	12	...	...	...	445	382	827	530	450	980	Jhang.	14
6	9	15	...	...	...	...	...	...	5	3	8	3	1	4	199	131	330	408	292	700	Montgomery.	15
24	10	34	...	...	...	1	...	1	7	4	11	4	3	7	371	326	697	10,07	847	1,854	Lahore.	16
28	14	42	3	2	5	...	1	1	16	4	20	1	3	4	429	459	888	1,069	1,017	2,086	Amritsar.	17
44	19	63	2	2	4	...	...	...	9	11	20	...	1	1	322	291	613	992	907	1,899	Gurdáspur.	18
29	18	47	2	...	2	...	...	...	15	11	26	2	...	2	383	375	758	1,075	1,012	2,087	Siálkot.	19
18	6	24	...	...	...	1	...	1	7	4	11	...	...	...	253	216	469	657	576	1,233	Gujrát.	20
7	1	8	1	...	1	...	...	...	7	7	14	16	2	18	190	151	341	765	641	1,406	Gujránwála.	21
17	9	26	1	...	1	...	1	1	7	3	10	2	...	2	176	123	299	511	388	899	Shahpur.	22
9	10	19	...	...	...	5	3	8	8	6	14	4	...	4	193	168	361	569	530	1,099	Jhelum.	23
3	2	5	...	...	...	5	2	7	6	6	12	1	1	2	223	203	426	860	750	1,619	Ráwalpindi.	24
1	...	1	...	...	...	3	...	3	10	5	15	...	...	...	85	95	180	312	336	648	Hazára.	25
14	2	16	...	...	...	5	2	7	5	4	9	...	...	...	99	59	158	707	464	1,171	Pesháwar.	26
1	2	3	...	...	...	4	2	6	1	1	2	...	...	...	37	24	61	216	152	368	Kohát.	27
7	6	13	...	...	...	5	1	6	1	...	1	1	...	1	64	50	114	553	436	989	Bannu.	28
15	7	22	...	...	...	2	...	2	9	...	9	1	...	1	120	86	206	704	610	1,314	D. I. Khan.	29
7	2	9	...	...	...	1	...	1	1	...	1	...	1	1	84	68	152	1,024	831	1,855	D. G. Khan.	30
3	2	5	...	1	1	1	...	1	4	...	4	2	3	5	60	47	107	595	543	1,138	Muzaffargarh.	31
551	345	896	16	15	31	53	16	69	219	150	369	45	21	66	7,232	6,406	13,638	23,663	20,915	44,57	TOTAL.	
427	271	698	10	11	21	37	16	53	181	138	319	23	10	33	7.557	6,754	14,311	23,041	20,498	43,539	Total in previous month.	
516	346	862	13	18	31	41	18	59	239	145	384	51	13	64	5,842	5,377	11,219	18,970	16,725	35,695	Total in same month of past year.	

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGN.-LT.-COL.,

Sanitary Commissioner, Punjab.

Remarks by the Sanitary Commissioner, Punjab.

Fifty-one thousand nine hundred and eighty-eight births were registered in the Province during the month of April 1898, giving a birth-rate of 31 per *mille* of population. Of the total number of births, 27,460 were boys and 24,528 were girls.

The total number of deaths registered from all causes in the Province during the month of April 1898 was 44,578 against 43,539 in the previous month and 35,695 in the corresponding month of the past year, giving an annual death-rate of 26, 25 and 21 per *mille* of population per annum respectively,

There were 137 deaths registered from plague in the Hoshiárpur District and 83 in the Jullundur District.

There were 2 deaths registered under the head of cholera.

From small-pox 479 deaths were registered against 367 in the previous month and 1,729 in the corresponding month of the past year; fevers 28,808 against 27,173 and 21,347; dysentery and diarrhœa 896 against 698 and 862.

During the month there were 31 deaths registered from suicide against 21 in the past month; wounding 69 against 53; accidents 369 against 319; snake-bite and killed by wild beasts 66 against 33; and from all other causes 13,638 against 14,311 and 11,219 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE, LAHORE:
The 14th June 1898.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGN.-LT.-COL.,
Sanitary Commissioner, Punjab.

Statement showing the number of Births registered according to classes in the several districts of the Punjab during the month of April 1898.

No.	Districts.	Christians.			Hindus.			Muhammadans.			Other Classes.			Total.			Birth-rate per *mille* per annum.	No.
		Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
1	Hissar ...	...	...	...	415	395	810	141	114	255	...	...	...	556	509	1,065	17	1
2	Rohtak ...	...	...	...	440	403	843	99	66	165	...	...	...	539	469	1,008	21	2
3	Gurgaon ...	...	...	...	430	391	823	313	270	583	...	...	...	743	663	1,406	26	3
4	Delhi ...	2	2	4	485	481	966	182	184	366	3	2	5	672	669	1,341	26	4
5	Karnál ...	...	1	1	806	697	1,503	369	292	661	...	...	...	1,175	990	2,165	31	5
6	Umballa ...	...	1	1	641	573	1,214	305	255	560	...	...	...	946	829	1,775	27	6
7	Simla ...	1	1	2	25	20	45	8	1	9	...	...	...	34	22	56	19	7
8	Kángra ...	...	...	...	1,027	996	2,023	58	44	102	...	...	...	1,085	1,040	2,125	34	8
9	Hoshiárpur ...	...	...	...	952	968	1,920	496	446	942	...	...	...	1,448	1,414	2,862	34	9
10	Jullundur ..	...	...	...	607	535	1,142	591	558	1,149	...	...	...	1,198	1,093	2,291	31	10
11	Ludhiána ...	...	...	...	610	481	1,091	335	293	628	1	...	1	946	774	1,720	32	11
12	Ferozepore ...	...	...	...	544	533	1,077	572	611	1,183	...	...	...	1,116	1,144	2,260	32	12
13	Mooltan ...	...	...	...	107	81	188	670	545	1,215	...	...	...	777	626	1,403	27	13
14	Jhang ...	...	...	...	168	145	313	611	533	1,144	...	...	...	779	678	1,457	41	14
15	Montgomery ...	...	...	...	136	111	247	428	399	827	...	...	...	564	510	1,074	26	15
16	Lahore ...	4	2	6	398	365	763	1,097	986	2,083	...	...	...	1,499	1,353	2,852	33	16
17	Amritsar ...	3	...	3	744	635	1,379	668	617	1,285	...	...	...	1,415	1,252	2,667	33	17
18	Gurdáspur ...	1	4	5	622	606	1,228	630	588	1,218	1	...	1	1,254	1,198	2,452	32	18
19	Siálkot ...	9	11	20	421	414	835	1,071	902	1,973	4	5	9	1,505	1,332	2,837	31	19
20	Gujrát ...	...	...	...	133	92	225	831	795	1,626	...	...	...	964	887	1,851	30	20
21	Gujránwála ...	...	1	1	235	205	440	857	731	1,588	...	...	...	1,092	937	2,029	36	21
22	Shahpur ...	...	...	...	87	64	151	526	524	1,050	...	...	...	613	588	1,201	30	22
23	Jhelum ...	...	...	...	79	71	150	680	562	1,242	...	...	...	759	633	1,392	28	23
24	Ráwalpindi ...	...	...	...	99	111	210	1,047	951	1,998	4	3	7	1,150	1,065	2,215	32	24
25	Hazára ...	...	...	...	27	30	57	728	628	1,356	...	...	...	755	658	1,413	30	25
26	Peshávar ...	...	...	...	27	19	46	794	582	1,376	1	...	1	822	601	1,423	25	26
27	Kohát ...	...	...	...	6	8	14	267	238	505	...	...	...	273	246	519	3[illegible]	27
28	Bannu ...	...	...	...	61	48	109	562	496	1,058	...	...	...	623	544	1,167	38	28
29	Dera Ismail Khan	...	...	...	55	50	105	475	416	891	...	...	...	530	466	996	25	29
30	Dera Gházi Khan	...	...	...	122	105	227	1,006	761	1,767	1	2	3	1,129	868	1,997	61	30
31	Muzaffargarh ...	...	...	...	42	53	95	456	416	872	1	1	2	499	470	969	3	31
	Total ...	20	23	43	10,551	9,688	20,239	16,873	14,804	31,677	16	13	29	27,460	24,528	51,988	31	

Sanitary Commissioner's Office,
Lahore:
The 14*th June* 1898.

W. A. CRAWFORD ROE, F. R. C. S., Brigade-Surgeon-Lt.-Col.,

Sanitary Commissioner, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 28TH MAY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	3	2	5	9	5	4	...	...	...	8	...	...	1	1	1	2	15	28	1
2		Hansi ...	15,190	1	3	4	8	3	5	...	...	...	2	...	...	6	...	1	1	14	27	2
3		Bhiwani ...	35,487	6	3	9	8	6	2	...	...	...	1	1	...	6	...	...	...	13	12	3
4		Sirsa ...	16,415	4	2	6	8	5	3	...	...	...	4	1	1	2	1	...	1	19	25	4
5	Rohtak ...	Rohtak ...	16,191	2	1	3	15	8	7	...	...	...	6	4	..	5	4	2	6	1	48	5
6		Jhajjar ...	11,881	1	2	3	8	2	6	..	..	...	5	...	...	3	1	1	2	13	35	6
7	Gurgaon ...	Rewari ...	27,934	4	3	7	11	4	7	...	...	...	3	..	...	8	2	...	2	13	21	7
8		Palwal ...	11,227	...	2	2	9	3	6	...	...	...	5	1	1	2	2	1	3	9	42	8
9	Delhi ...	Delhi ...	189,648	40	35	75	148	71	77	...	..	8	81	3	1	55	14	20	34	21	41	9
10		Sonepat ...	12,611	...	2	2	10	3	7	...	...	2	6	...	...	2	1	1	2	8	41	10
11	Karnal ...	Karnal ...	21,530	7	4	11	33	17	16	...	...	...	8	3	1	21	6	6	12	27	80	11
12		Kaithal ...	15,768	12	4	16	22	14	8	...	...	...	8	3	...	11	7	2	9	53	73	12
13		Panipat ...	27,547	7	8	15	33	12	21	...	...	1	14	1	..	17	6	8	14	28	62	13
14		Shahabad ...	11,473	3	3	6	5	2	3	...	...	...	2	1	...	2	...	1	1	27	23	14
15	Umballa ...	Umballa ...	26,856	4	1	5	16	4	12	...	...	..	6	2	...	8	...	4	4	10	31	15
16		Jagadhri ...	13,029	1	1	2	8	2	6	...	...	...	6	...	...	2	1	5	6	8	32	16
17		Sadhaura ...	10,445	2	...	2	3	1	2	...	...	...	2	...	...	1	...	...	...	10	15	17
18	Hoshiarpur	Hoshiarpur ...	Returns not received.																			18
19		Tanda and Urmar																				19
20	Jullundur ...	Jullundur ...	50,375	20	12	32	40	21	19	...	...	...	17	2	...	21	4	6	10	33	41	20
21		Rahon ...	10,667	...	2	2	4	1	3	...	...	...	1	1	...	2	...	...	...	10	20	21
22		Kartarpur ...	10,441	2	5	7	5	1	4	...	...	...	4	...	...	1	...	...	...	35	25	22
23	Ludhiana ...	Ludhiana ...	46,024	9	7	16	26	17	9	...	...	...	8	1	...	17	...	...	...	18	29	23
24		Jagraon ...	18,116	5	4	9	8	5	3	...	...	...	5	1	...	2	1	...	1	2[illegible]	23	24
25	Ferozepore ...	Ferozepore ...	25,337	2	1	3	14	8	6	...	...	...	8	2	...	4	3	2	5	6	29	25
26	Mooltan ...	Mooltan ...	64,265	18	15	33	25	14	11	...	..	...	11	1	1	12	3	6	9	27	20	26
27	Jhang ...	Maghiana ...	13,866	4	2	6	7	2	5	...	...	...	...	...	...	7	1	3	4	23	26	27
28		Chiniot ...	13,476	3	4	7	12	4	8	...	...	...	...	...	...	12	3	2	5	27	46	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	36	22	58	119	59	60	...	...	...	66	7	2	44	16	17	33	19	39	29
30		Kasur ...	20,290	1	...	1	16	10	6	...	...	...	11	...	1	4	2	2	4	3	41	30
31		Chunian ...	10,339	6	1	7	9	4	5	...	...	...	6	...	...	3	3	2	5	35	45	31
32	Amritsar ...	Amritsar ...	135,401	32	37	69	13[illegible]	64	69	...	...	...	56	1	1	75	18	10	28	27	51	32
33	Gurdaspur ...	Batala ...	27,223	4	10	14	22	10	12	...	...	...	12	1	...	9	3	2	5	27	42	33
34	Sialkot ...	Sialkot ...	33,965	14	8	22	19	9	10	...	...	...	13	...	...	6	1	1	2	34	29	34
35	Gujrat ...	Gujrat ...	17,671	5	6	11	10	6	4	...	...	...	1	...	...	9	1	...	1	32	30	35
36		Jalalpur ...	11,065	4	3	7	8	4	4	...	...	...	6	...	...	2	...	1	1	33	38	36
37	Gujranwala...	Gujranwala ...	25,892	9	4	13	4	...	4	...	...	...	2	...	...	2	...	1	1	26	8	37
38		Wazirabad ...	15,786	4	[illegible]	6	18	8	10	...	...	...	8	1	...	9	2	3	5	20	59	38
39	Shahpur ...	Bhera ...	17,428	3	6	9	8	3	5	...	...	...	5	1	...	2	1	3	4	27	24	39
40	Jhelum ...	Pind Dadan Khan	15,055	2	2	4	9	6	3	...	...	...	8	...	...	1	...	1	1	14	31	40
41	Rawalpindi ...	Rawalpindi ...	38,334	3	7	10	17	10	7	...	...	...	11	...	...	6	...	1	1	14	23	41
42	Peshawar ...	Peshawar ...	63,079	17	8	25	36	22	14	...	...	...	22	3	...	11	8	4	12	21	30	42
43	Kohat ...	Kohat ...	14,347	3	3	6	9	3	6	...	...	...	6	...	...	3	1	2	3	22	33	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	3	2	5	20	9	11	...	...	...	9	4	...	7	...	2	2	12	48	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	2	...	2	8	4	4	...	...	1	5	1	...	1	2	1	3	4	17	45
	Grand Total	...	1,383,597	308	249	557	960	466	494	...	...	12	468	47	9	424	119	125	244	21	36	
	Hill Sanitaria.																					
	Simla ...	... ...	13,279	2	2	4	16	11	5	...	...	...	4	1	...	11	1	1	2	16	63	
	Dharmsala ...	... ...	2,778	2	...	2	4	1	3	...	...	...	1	...	...	3	1	1	2	38	75	
	Dalhousie ...	... ...	807	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	65	
	Murree ...	... ...	1,459	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	36	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 14th June 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 28TH MAY 1898.

Births and Deaths in Municipal Towns.—In the 43 large Municipal towns 557 births were registered (308 males and 249 females), giving a birth-rate of 21 per *mille* of population; 960 deaths were registered (466 males and 494 females), giving a death-rate of 36 per *mille* of population. [Sixteen deaths were registered from Plague in the Jullundur District and 4 in the Hoshiárpur District during the week.]

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGEON-LIEUT.-COLONEL,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 14th June 1898.

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No. 25 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JUNE 23, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 21st JUNE 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	1·30 at Sadr ... 0·81 in Hánsi. 0·80 in Bhiwáni. 1·27 in Fatahabad. 1·04 in Sirsa.	1. Sufficient ... 2. Good.	Wheat 15 seers ... Gram 24 seers. Bájra 23 seers.	...	Ploughings in progress.
2	Delhi ...	0·36 at Sadr ...	1. Sufficient ... 2. Good.	Wheat 14 seers ... Gram 20½ seers. Bájra 22 seers.	...	...
3	Umballa ...	2·03 at Sadr 1·84 in Jagádhri. 4·51 in Naráingarh. 1·53 in Kharar. 2·95 in Rúpar.	1. Sufficient ... 2. Good.	Wheat 17½ to 19 seers. Gram 21½ to 22 seers. Maize 28 seers.	Purchase of wheat for export is ceasing.	Land is generally being manured and ploughed. Sowings commenced in parts. More rain needed.
4	Jullundur ...	Rainfall throughout.	1. Sufficient ... 2. Good.	Wheat 19½ seers Gram 21¾ seers. Barley 27 seers.	Stock of food-grain sufficient ...	...
5	Ferozepore ...	1·45 at Sadr ... 1·40 in City. 0·87 in Moga. 0·51 in Zíra. 1·69 in Muktsar. 1·17 in Fázilka. 0·25 in Nathána. 0·97 in Jalálabad.	1. Sufficient ... 2. Fair.	Wheat 19 seers ... Gram 23 seers. Maize 23 seers. Jowár 17 seers. Bájra 17 seers. Barley 32 seers.	Reapings of extra spring crops nearly over.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
6	Mooltan ...	0·12 at Sadr ... 0·27 in Mailsi. 0·32 in Lodhrán. 0·15 in Kabírwála.	...	Wheat, 2nd quality, 15½ seers.	...	Sowings in progress. Sidhnai Canal dry. Water scanty in other canals.
7	Lahore ...	...	1. Sufficient ...	Wheat 16 to 18 seers. Maize 28 to 29 seers.	Outturn good ...	Irrigation of sugarcane and cotton crops and sowings of other crops in progress.
8	Amritsar ...	1·17 average ...	1. Sufficient ... 2. Good.	Wheat 19 seers ... Maize 22 seers.	...	Crops in good condition.
9	Siálkot ...	0·54 average ...	1. Sufficient ... 2. Good.	Wheat 15½ to 17½ seers. Rice 9 to 10 seers.	...	Rain wanted.
10	Shahpur ...	1·40 at Sadr ... 0·10 in Bhera. 1·78 in Khusháb.	1. Sufficient ...	Wheat 18 to 20 seers. Bájra 20 to 25 seers.	Recent rains have slightly damaged wheat.	...
11	Ráwalpindi ...	0·35 in Pindigheb 0·45 in Fatahjang. 0·46 in Gujar Khan. 0·16 in Kahúta. 1·02 in Murree.	1. Sufficient ...	Wheat 16 seers ... Bájra 21 seers. Maize 23 seers.	Threshing nearly completed. Stock of food-grain sufficient.	...
12	Peshâwar ...	...	1. Sufficient ... 2. Good.	Wheat 16 seers ... Maize 26⅝ seers.	Condition of standing crops good...	Crops being sown.
13	D. I. Khan ...	0·13 in Tánk ... 0·24 in Shekh Budín.	1. Sufficient ... 2. Good.	Wheat 19¼ seers Bájra 25 seers.	Condition of standing crops good. Threshing of rabi crops still in progress: outturn average. Grass-hoppers have slightly damaged extra rabi crops in the Dera Tahsíl.	...

GENERAL REMARKS.

Rainfall.—Rain averaging from 2½ inches to ⅛ of an inch has fallen all over the Province, except at Lahore and Peshawar.

Prices—Especially of wheat rising in Lahore and Dera Ismail Khan, unchanged in Umballa, Mooltan and Shahpur, and falling elsewhere. Wheat is selling from 14 to 20, gram 20½ to 24, bulrush millet 17 to 25, maize 22 to 29, barley 27 to 32, great millet 17, and rice 9 to 10 seers per rupee.

Agricultural operations.—Threshing of spring crops nearly completed. Reapings of extra spring crops commenced in Ferozepore. Ploughings and sowings of autumn crops commenced in some districts. More rain wanted in Umballa and Siálkot Districts.

Crops and outturn.—Condition of standing crops is generally reported good. Outturn of spring crops is said to be average in Dera Ismail Khan. Purchase of wheat for export is ceasing in Umballa.

Damage done to crops.—Wheat has been slightly damaged by recent rains in Shahpur and extra spring crops by grass-hoppers in Dera Ismail Khan.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient throughout the Province.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 4TH JUNE 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	5	2	7	16	8	8	...	...	...	6	3	...	7	1	...	1	22	50	1
2		Hansi ...	15,190	4	4	8	10	7	3	...	...	...	5	...	...	5	2	...	2	27	34	2
3		Bhiwani ...	35,487	6	2	8	27	17	10	...	...	1	12	...	...	14	3	2	5	12	40	3
4		Sirsa ...	16,415	1	3	4	10	5	5	...	...	...	2	...	..	8	1	...	1	13	32	4
5	Rohtak ...	Rohtak ...	16,191	7	3	10	5	3	2	...	...	...	..	...	..	5	2	1	3	32	16	5
6		Jhajjar ...	11,881	3	5	8	4	2	2	...	...	...	3	1	...	...	...	1	1	35	18	6
7	Gurgaon ...	Rewari ...	27,934	2	5	7	10	6	4	...	...	...	4	2	...	4	...	...	...	13	19	7
8		Palwal ...	11,227	2	1	3	13	6	7	...	...	1	10	1	...	1	1	1	2	14	60	8
9	Delhi ...	Delhi ...	189,648	42	45	87	112	67	45	...	...	4	57	2	...	49	11	8	19	24	31	9
10		Sonepat ...	12.611	3	3	6	10	5	5	...	...	...	7	1	...	2	2	1	3	25	41	10
11	Karnal ...	Karnal ...	21,530	9	10	19	36	12	24	...	...	...	20	...	...	16	5	6	11	46	87	11
12		Kaithal ...	15,768	8	7	15	19	9	10	...	...	2	10	3	...	4	6	3	9	50	63	12
13		Panipat ...	27.547	8	10	18	24	14	10	...	...	...	9	3	1	11	3	2	5	34	45	13
14		Shahabad ...	11,473	4	4	8	6	2	4	...	...	...	4	...	...	2	2	1	3	36	27	14
15	Umballa ...	Umballa ...	26,856	7	12	19	19	11	8	...	...	..	12	...	...	7	3	1	4	37	37	15
16		Jagadhri ...	13,029	3	...	3	14	10	4	...	...	...	10	...	...	4	1	1	2	12	56	16
17		Sadhaura ...	10,445	...	2	2	5	1	4	...	...	...	4	...	...	1	...	...	...	10	25	17
18	Hoshiarpur	Hoshiarpur ...	17,546	6	3	9	14	7	7	...		...	6	...	...	8	2	2	4	27	42	18
19		Tanda and Urmar	11,632	5	...	5	9	3	6	...		2	6	...	...	1	...	...	...	22	40	19
20	Jullundur ...	Jullundur ...	50,375	9	6	15	40	23	17	...	...	...	20	5	...	15	5	3	8	16	41	20
21		Rahon ...	10,667	...	2	2	6	1	5	...	...	1	2	1	...	2	...	1	1	10	29	21
22		Kartarpur ...	10,441	2	...	2	11	8	3	...	...	...	7	1	...	3	3	...	3	10	55	22
23	Ludhiana ...	Ludhiana ...	46,024	5	9	14	17	8	9	...	...	...	6	4	...	7	...	...	...	16	19	23
24		Jagraon ...	18,116	9	3	12	7	2	5	...	..	...	3	...	...	4	2	1	3	35	20	24
25	Ferozepore ...	Ferozepore ...	25,337	4	...	4	14	9	5	..	...	...	5	2	...	7	1	1	2	8	29	25
26	Mooltan ...	Mooltan ...	64,265	15	15	30	21	13	8	...		...	9	...	...	12	3	2	5	24	17	26
27	Jhang ...	Maghiana ...	13,866	3	2	5	13	3	10	...	..	...	3	...	...	10	...	5	5	19	49	27
28		Chiniot ...	13,476	6	5	11	16	10	6	...	...	...	1	...	...	15	2	1	3	43	62	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	39	31	70	97	45	52	..	...	...	50	3	1	43	15	12	27	2;	32	29
30		Kasur ...	20,290	3	6	9	10	7	3	...	...	1	7	...	1	1	1	1	2	23	26	30
31		Chunian ...	10,339	1	6	7	7	3	4	...	...	...	3	...	...	4	1	...	1	35	35	31
32	Amritsar ...	Amritsar ...	135,401	39	26	65	130	56	74	..	...	...	56	3	...	71	9	15	24	25	50	32
33	Gurdaspur ...	Batala ...	27,223	13	3	16	11	8	3	...	...	...	10	...	...	1	1	...	1	31	21	33
34	Sialkot ...	Sialkot ...	33,965	14	8	22	30	9	21	...	...	...	13	1	...	16	2	2	4	34	46	34
35	Gujrat ...	Gujrat ...	17,671	5	5	10	15	12	3	...	...	...	5	...	...	10	5	...	5	30	44	35
36		Jalalpur ...	11,065	5	3	8	6	4	2	...	...	...	1	...	...	5	1	...	1	38	28	36
37	Gujranwala...	Gujranwala ...	25,892	9	1	10	6	3	3	...	...	...	...	...	...	6	1	1	2	20	12	37
38		Wazirabad ...	15,786	3	4	7	11	7	4	...	...	...	6	...	1	4	1	2	3	23	36	38
39	Shahpur ...	Bhera ...	17,428	3	4	7	6	3	3	...	..	...	3	1	...	2	...	...	...	21	18	39
40	Jhelum ...	Pind Dadan Khan	15,055	2	2	4	10	6	4	...	...	...	5	4	..	1	1	...	1	14	35	40
41	Rawalpindi ...	Rawalpindi ...	38,334	5	5	10	27	16	11	...	...	...	17	1	...	9	1	4	5	14	37	41
42	Peshawar ...	Peshawar ...	63,079	16	16	32	27	14	13	...	...	...	19	1	...	7	8	...	8	26	22	42
43	Kohat ...	Kohat ...	Return	not	received.																	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	1	6	7	22	13	9	...	...	...	9	3	...	10	3	2	5	17	53	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	1	2	3	16	10	6	...	...	1	10	1	...	4	...	1	1	7	35	45
	Grand Total	...	1,398,428	337	291	628	939	488	451	...	...	13	457	47	4	418	111	84	195	23	35	
	Hill Sanitaria.																					
	Simla ...	...	Return	not	received.																	
	Dharmsala	...	2,778	...	1	1	1	...	1	...	...	...	1	...	...	...	...	...	...	19	19	
	Dalhousie ...	...	807	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	65	
	Murree ...	...	1,459	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 21st June 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 4TH JUNE 1898.

Births and Deaths in Municipal Towns.—In the 44 large Municipal towns 628 births were registered (337 males and 291 females), giving a birth-rate of 23 per *mille* of population; 939 deaths were registered (488 males and 451 females), giving a death-rate of 35 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGEON-LIEUT.-COLONEL,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE, LAHORE:
The 21st June 1898.

MONTHLY RAINFALL OF PARA CHINAR (PESHAWAR DISTRICT) IN THE PUNJAB FOR THE MONTH OF APRIL 1898.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab North-West.	Peshawar.	Para Chinar (Kurram) ...	...	0·03	0·23	...	...	0·39	0·02	...	...	...	...	...	...	0·03	...	...	...	...	...	...	0·05

RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO PUNJAB GAZETTE DATED 26TH MAY 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 30th April 1898.	Average rainfall from 1st October up to 30th April.	Station.	District.	Meteorological Division.
...	0·13	0·50	...	...	...	...	...	...		4	?	1·38	?	0·50	10·95	?	Para Chinar (Kurram) ...	Peshawar.	Punjab North-West.

TABLE OF RAINFALL RECORDED AT STATIONS IN THE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, South.	Hissar.	Sirsa	...	...	...	...	...	...	...	...	...	...	...	0·44	...	1·10	...	...	...	...	...	0·05	...
		Fatahabad	...	...	...	...	...	...	...	...	...	...	0·17	0·32	...	0·17	...	...	...	...	...	0·04	...
		Hissar	...	...	...	...	...	...	...	...	...	...	...	1·12	0·20	0·65	...	...	...	...	...	...	...
		Hansi	...	...	...	...	...	...	...	...	...	...	...	0·55	0·31	0·41	...	...	0.09	...	...	...	...
		Bhiwani	...	...	...	...	...	...	...	...	...	...	...	0·90	0·70	1·34	...	...	...	...	...	...	...
		Budhlada	...	...	...	...	...	...	...	...	...	...	...	0·42	..	...	...	...	...	...	...	...	0·06
		Tohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jind State.	Dhaneta *C*	...	...	...	...	...	...	...	...	...	...	...	1·20	...	...	...	...	0·10	...	...	...	...
		Safidan *C*	...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	...	...	...	...	...	...	0·05
		Jind *C*	...	...	...	...	...	...	...	...	...	...	...	...	0·45	...	...	...	...	...	...	...	...
	Bikaner State.	Chhani *C*	...	...	...	...	...	...	...	...	...	...	...	...	1·60	...	...	...	...	...	...	...	...
	Ferozepore.	Moga	...	...	...	...	...	...	...	...	...	...	...	0·51	...	...	...	...	...	...	...	0·04	...
		Zira	...	...	...	...	...	...	...	...	...	...	...	0·17	...	...	...	...	...	...	0·27	...	...
		Ferozepore Sadr	...	...	...	...	...	...	...	...	...	...	...	0·36	...	...	...	...	...	...	0·52	...	...
		Ferozepore City	...	...	...	...	...	...	...	...	...	...	...	0·27	...	...	...	...	...	...	0·48	...	...
		Muktsar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·42	...	...	...	0·07	0·24	0·40
		Fazilka	...	...	...	...	...	...	...	...	...	...	...	0·01	...	...	...	...	...	...	0·19	...	...
		Nathana	...	...	...	...	...	...	...	...	...	...	...	1·53	...	...	...	...	...	...	...	...	0·14
		Jalalabad	...	...	...	...	...	...	...	...	...	...	0·14	...	...	...	...	...	...	...	0·07	0·07	0·38
		Govindgarh *C*	...	...	...	...	...	...	...	...	...	...	..	...	0·2	...	...	...	...	...	...	...	...
		Phidda *C*	Statement not received.																				
	Montgomery.	Gugera	...	...	...	...	...	...	...	...	...	...	...	0·49	...	...	R.	...	...	...	...	...	...
		Montgomery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakpattan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	R.	...	...
		Dipalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sandyanwala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Central.	Gurgaon.	Farukhnagar	...	...	...	...	...	...	...	...	...	0·23	...	...	0·75	0·10	...	0·38	...	...	...	...	...
		Jatusana	...	...	...	...	...	...	...	...	...	...	...	0·40	0·20	0·20	...	...	...	...	...	...	...
		Rewari	...	...	...	...	...	...	...	...	...	...	0·04	0·28	0·38	0·10	...	...	...	...	...	...	...
		Shahjahanpur	...	...	...	...	...	...	...	...	...	0·10	...	0·50	0·48	...	...	...	...	...	...	...	...
		Tauru	...	...	...	...	...	...	...	...	...	...	0·20	0·24	0·40	0·55	...	...	...	...	...	...	...
		Nuh	...	...	...	...	...	...	...	...	...	...	...	...	1·48	0·08	...	...	...	...	...	...	...
		Firozpur	...	...	...	...	...	...	...	...	...	...	0·25	0·27	0·22	...	...	...	...	...	...	...	...
		Hodal	...	...	...	...	...	...	...	...	...	...	0·02	...	0·10	...	...	...	...	...	...	...	...
		Hattin	...	...	...	...	...	...	...	...	...	...	0·29	0·27	0·62	0·10	...	...	...	...	...	...	...
		Palwal	...	...	...	...	...	...	...	...	...	0·07	0·21	0·17	0·25	...	...	...	..	...	...	...	...
		Sohna	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	...	...	...	...	...
		Gurgaon	...	...	...	...	...	...	...	...	...	...	0·14	T0·57	T0·28	0·05	R.D.	...	R.	...	...	...	...
		Punahana	...	...	...	...	...	...	...	...	...	...	R.	...	0·48	0·05	...	...	...	...	...	...	...
	Rohtak.	Rohtak	...	...	...	...	...	...	...	...	...	...	0·10	0·60	0·37	1·40	...	...	...	...	...	...	0·11
		Gohana	...	...	...	...	...	...	...	...	...	...	...	0·55	0·18	0·33	...	...	...	...	...	...	0·50
		Sampla	...	...	...	...	...	...	...	...	...	...	0·08	0·89	0·21	0·28	...	...	...	...	...	...	0·10
		Jhajjar	...	...	...	...	...	...	...	...	...	...	...	0·85	0·84	0·11	...	...	...	...	...	...	...
	Delhi.	Ballabgarh	...	...	...	...	...	...	...	...	...	...	...	0·17	0·25	0·15	...	...	...	...	...	...	0·01
		Mahrauli	...	...	...	...	...	...	...	...	...	...	...	0·20	...	0·20	...	...	...	...	...	...	...
		Sadr (Delhi)	...	...	...	...	...	...	...	...	...	...	0·07	0·80	0·10	0·11	...	0·02	...	...	...	...	...
		Sonepat	...	...	...	...	...	...	...	...	...	...	...	0·40	0·21	0·20	...	...	...	...	...	...	0·03

PUNJAB FOR THE MONTH OF MAY 1898.

25 22nd.	26 23rd.	27 24th.	28 25th.	29 26th.	30 27th.	31 28th.	32 29th.	33 30th.	34 31st.	35 Number of rainy days.	36 Average number of rainy days.	37 Total rainfall for the month.	38 Average rainfall for the month.	39 Heaviest rainfall during the month.	40 Total rainfall from 1st October 1897 up to 31st May 1898.	41 Average rainfall from 1st October up to 31st May.	3 Station.	2 District.	1 Meteorological Division.
...	...	...	...	...	...	...	...	...	...	2	1·6	1·65	0·61	1·16	3·04	3·11	Sirsa	Hissar.	Punjab, South.
...	...	...	...	...	...	...	...	...	...	3	0·9	0·70	0·50	0·32	1·84	3·15	Fatahabad		
...	...	...	...	...	...	...	...	...	...	3	1·6	2·01	0·49	1·12	3·79	3·08	**Hissar**		
...	...	...	...	...	...	...	...	...	...	3	1·1	1·36	0·74	0·55	2·47	3·12	Hansi		
...	...	...	...	...	...	...	...	...	...	3	1·6	2·94	0·63	1·34	4·75	2·60	Bhiwani		
...	...	...	...	...	...	...	...	...	...	1	?	0·48	?	0·42	2·42	?	Budhlada		
...	...	...	...	...	...	...	...	...	...	...	?	...	?	...	2·29	?	Tohana		
...	...	...	...	...	...	...	...	...	...	2	?	1·30	?	1·20	2·59	?	Dhaneta *C*	Jind State.	
...	...	...	...	...	...	...	...	...	...	1	?	0·55	?	0·50	3·15	?	Safidan *C*		
...	...	...	...	...	...	...	...	...	...	1	?	0·45	?	0·45	1·45	?	Jind *C*		
...	...	...	...	...	...	...	...	...	...	1	?	1·60	?	1·60	3·40	?	Chhani *C*	Bikaner State.	
...	...	...	...	...	...	...	...	...	...	1	1·1	0·55	0·57	0·51	5·47	3·06	Moga	Ferozepore.	
...	...	...	...	...	...	...	...	...	...	2	1·5	0·44	0·48	0·27	5·66	3·39	Zira		
...	...	...	...	...	...	...	...	...	...	2	1·5	0·88	0·65	0·52	5·67	3·96	**Ferozepore Sadr**		
...	...	...	...	...	...	...	...	...	...	2	?	0·75	?	0·48	6·55	?	Ferozepore City		
...	...	...	...	...	...	...	...	...	...	3	0·5	1·13	0·33	0·42	3·96	1·67	Muktsar		
...	...	...	...	...	...	...	...	...	...	1	?	0·20	?	0·19	2·33	?	Fazilka		
...	...	...	...	...	...	...	...	...	...	2	?	1·67	?	1·53	4·13	?	Nathana		
...	...	...	...	...	...	...	...	...	...	2	?	0·66	?	0·38	2·56	?	Jalalabad		
...	...	...	...	...	...	...	...	...	...	1	?	0·20	?	0·20	1·60	?	Govindgarh *C*		
																	Phidda *C*		
...	...	...	...	...	...	...	...	...	...	1	0·6	0·49	0·35	0·49	3·51	2·11	Gugera	Montgomery.	
...	...	...	...	...	...	...	...	...	...	0	1·4	0	0·40	0	1·61	2·23	**Montgomery**		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·40	0	0·87	1·70	Pakpattan		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·15	0	2·96	1·82	Dipalpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Sandyanwala *C*		
...	...	...	...	...	...	...	...	...	...	4	?	1·46	?	0·75	3·16	?	Farukhnagar	Gurgaon.	Punjab, Central.
...	...	...	...	...	...	...	...	...	...	3	?	0·80	?	0·40	1·30	?	Jatusana		
...	...	...	...	...	...	...	...	...	...	3	1·3	0·80	0·49	0·38	2·68	2·22	Rewari		
...	...	...	...	...	...	...	...	...	...	3	?	1·00	?	0·50	2·56	?	Shahjahanpur		
...	...	...	...	...	...	...	...	...	...	4	?	1·39	?	0·55	4·56	?	Tauru		
...	...	...	...	...	...	...	...	...	...	1	1·5	1·56	0·45	1·48	3·93	2·26	Nuh		
...	...	...	...	...	...	...	...	...	...	3	1·6	0·74	0·45	0·27	3·10	1·57	Firozpur		
...	...	...	...	...	...	...	...	...	...	1	?	0·12	?	0·10	2·67	?	Hodal		
...	...	...	...	...	...	...	...	...	...	4	?	1·28	?	0·62	4·57	?	Hattin		
...	...	...	...	...	...	...	...	...	...	3	1·2	0·70	0·38	0·25	4·23	2·73	Palwal		
...	...	...	...	...	...	...	...	...	...	1	?	0·10	?	0·10	2·40	?	Sohna		
...	...	...	...	...	0·05	...	...	...	...	3	1·6	0·99	0·68	0·57	3·10	3·20	**Gurgaon**		
...	...	...	...	...	...	...	...	...	...	1	?	0·53	?	0·48	3·45	?	Punahana		
...	...	...	...	...	...	...	...	...	...	5	1·6	2·58	0·51	1·40	3·98	2·99	**Rohtak**	Rohtak.	
...	...	...	...	...	...	...	...	...	...	4	1·1	1·56	0·58	0·55	3·71	3·41	Gohana		
...	...	...	...	...	...	...	...	...	...	4	1·5	1·47	0·45	0·80	3·49	2·68	Sampla		
...	...	...	...	...	...	...	...	...	...	3	1·4	1·80	0·57	0·85	4·03	2·76	Jhajjar		
...	...	...	...	...	...	...	...	...	...	3	1·6	0·58	0·55	0·25	3·45	2·65	Ballabgarh	Delhi.	
...	...	...	...	...	...	...	...	...	...	2	?	0·40	?	0·20	3·17	?	Mahrauli		
...	...	...	...	...	...	...	...	...	...	3	2·0	0·60	0·81	0·30	3·46	4·06	**Sadr (Delhi)**		
...	...	...	...	...	...	...	...	...	...	3	1·7	0·84	0·94	0·40	3·14	3·49	Sonepat		

Table of Rainfall recorded at Stations in he

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Central—*concluded.*	Karnal.	Panipat ...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	0·07	...	...	...	...	...	0·02	...
		Karnal ...	...	...	...	...	...	...	...	...	...	...	...	0·11	...	...	...	...	...	...	...	...	0·09
		Rajaund ...	...	...	...	...	...	...	...	...	...	...	0·24	...	0·03	...	...	...	...	...	...	0·10	...
		Kaithal ...	...	...	...	...	...	...	...	...	...	...	...	0·22	...	...	...	...	...	0·03	...	...	0·20
		Gulah ...	...	...	...	...	...	...	...	...	...	...	...	0·34	...	...	...	...	...	...	...	...	0·10
		Thansear ...	...	...	...	...	...	...	...	...	...	...	...	0·17	...	...	...	...	0·11	...	...	...	0·06
	Lahore.	Van *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	...	...
		Chunian ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·28	...	...	...	0·05	...	...
		Kasur ...	...	...	...	...	...	...	...	...	...	...	...	0·92	...	...	...	...	...	...	0·11	...	...
		Pambe *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...	...	...	...	...
		Sharakpur ...	...	...	...	...	...	...	...	...	...	...	...	0·29	0·27	...	0·10	0·24	...	...	...	0·16	...
		Niaz Beg *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	0·60	...	...	0·20	...	...	...	0·40	...
		Lahore ...	...	...	...	...	...	...	...	...	...	...	...	...	0·53	...	0·05	0·17	...	...	...	...	0·12
		Meean Meer *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	0·60	...	0·10	0·40	...	...	...	0·06	...
		Manihala *C* ...	...	...	...	...	...	...	...	...	...	...	...	0·06	0·04	...	0·05	...	...	...	...	0·05	...
		Dafthu *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nijabat *C* ...	...	...	...	...	...	...	...	...	...	...	...	0·09	...	...	...	...	...	...	0·19	0·06	...
Punjab, Submontane.	Umballa.	Jagadhri ...	...	...	...	...	...	...	...	...	0·14	...	...	...	...	...	...	...	...	...	...	...	...
		Umballa ...	...	...	...	...	...	...	...	...	0·13	0·05	...	0·20	...	...	...	...	0·01	...	...	...	...
		Naraingarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kharar ...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	...	...	...	...	...	...	...	...
		Rupar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dadupur *C* ...	...	...	...	...	...	...	...	...	0·10	...	...	...	...	...	...	...	...	...	...	...	...
	Patiala State.	Kotra *C* ...	...	...	...	...	...	...	...	...	...	...	...	0·29	...	...	...	...	...	...	...	...	...
		Jodhpur *C* ...	...	...	...	...	...	...	...	...	...	...	...	0·37	...	0·18	...	...	...	...	0·09	...	0·09
		Raniki *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	0·05
		Lehal *C* ...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...	...	...	0·24	...	0·05	0·02	0·05
		Gujran *C* ...	...	...	...	...	...	...	...	...	...	...	...	1·43	...	...	...	0·22	...	...	...	...	...
		Barthala *C* ...	...	...	...	...	...	...	...	...	...	0·46	...	0·30	...	...	...	...	0·07	...	...	0·03	...
	Nabha State.	Dadahur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	0·10
		Bundher *C* ...	...	...	...	...	...	...	...	...	...	...	...	0·36	0·07	...	...	...	...	...	...	...	0·12
	Ludhiana.	Samrala ...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	...	...	...	...	...	...
		Ludhiana ...	...	...	...	...	...	...	...	...	...	...	...	0·10	0·02	...	...	...	...	...	...	0·07	...
		Jagraon ...	...	...	...	...	...	...	...	...	...	...	...	0·22	0·04	...	...	...	...	...	...	[illegible]	...
	Jullundur.	**Jullundur** ...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	...	0·03	...	...
		Nakodar ...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	...	...	...	...	...	0·03	...
		Phillour ...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	...	...	...	...
		Nawashahr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of May 1898—continued.

25 22nd.	26 23rd.	27 24th.	28 25th.	29 26th.	30 27th.	31 28th.	32 29th.	33 30th.	34 31st.	35 Number of rainy days.	36 Average number of rainy days.	37 Total rainfall for the month.	38 Average rainfall for the month.	39 Heaviest rainfall during the month.	40 Total rainfall from 1st October 1897 up to 31st May 1898.	41 Average rainfall from 1st October up to 31st May.	3 Station.	2 District.	1 Meteorological Division.
...	...	...	...	...	...	...	...	...	...	1	0·9	0·19	0·47	0·10	3·29	3·34	Panipat	Karnal.	Punjab, Central—*concluded.*
...	...	...	...	...	...	...	...	...	...	1	2·4	0·20	1·06	0·11	6·14	5·65	**Karnal**		
...	...	...	...	...	...	...	...	...	...	2	?	0·37	?	0·24	1·89	?	Rajaund		
...	...	...	...	...	...	...	...	...	...	2	1·1	0·45	0·45	0·22	2·64	3·04	Kaithal		
...	...	...	...	...	...	...	...	...	...	2	?	0·44	?	0·34	4·06	?	Gulah		
...	...	...	...	...	...	...	...	...	...	2	1·4	0·34	0·70	0·17	7·15	4·17	Thanesar		
...	...	...	...	...	...	...	...	...	...	1	2·2	0·10	1·08	0·10	4·80	4·36	Van *C*	Lahore.	
...	...	...	...	...	...	...	...	...	...	1	0·8	0·33	0·75	0·28	4·50	2·91	Chunian		
...	...	...	...	...	...	...	...	...	...	2	0·7	1·03	0·30	0·92	5·84	2·36	Kasur		
...	...	...	...	...	...	...	...	...	...	1	2·5	0·15	0·91	0·15	5·05	3·93	Pambe *C*		
...	...	...	...	...	...	...	...	...	...	5	1·2	1·06	0·37	0·29	5·10	2·47	Sharakpur		
...	...	...	...	...	...	...	...	...	...	3	1·3	1·20	0·73	0·60	5·08	5·15	Niaz Beg *C*		
...	...	...	...	...	...	...	...	...	...	3	2·0	0·87	0·86	0·53	6·49	4·30	**Lahore**		
...	...	...	...	...	...	...	...	...	...	3	1·8	1·16	1·37	0·60	6·96	6·44	Meean Meer *C*		
...	...	...	...	...	...	...	...	...	...	0	0·7	0·20	0·43	0·06	4·25	3·43	Manihala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	3·30	?	Dafthu *C*		
...	...	...	...	...	...	...	...	...	...	1	?	0·34	?	0·19	2·58	?	Nijabat *C*		
...	...	...	...	...	...	...	...	...	...	1	1·4	0·14	0·84	0·14	6·34	6·90	Jagadhri	Umballa.	Punjab, Submontane.
...	...	...	...	...	...	...	...	...	...	2	1·8	0·39	0·96	0·20	9·99	5·45	**Umballa**		
...	...	...	...	...	...	...	...	...	...	0	1·7	0	0·72	0	5·63	5·85	Naraingarh		
...	...	...	...	...	...	...	...	...	...	0	1·7	0·08	0·89	0·08	7·84	6·00	Kharar		
...	...	...	...	...	...	...	...	...	...	0	1·7	0	0·75	0	8·12	6·22	Rupar		
...	...	...	...	...	...	...	...	...	...	1	?	0·10	?	0·10	6·70	?	Dadupur *C*		
...	...	...	...	...	...	...	...	...	...	1	?	0·29	?	0·29	1·36	?	Kotra *C*	Patiala State.	
...	...	...	...	...	...	...	...	...	...	2	?	0·73	?	0·37	2·35	?	Jodhpur *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0·10	?	0·05	3·65	?	Raniki *C*		
...	...	...	...	...	...	...	...	...	...	2	?	0·66	?	0·30	3·15	?	Lehal *C*		
...	...	...	...	...	...	...	...	...	...	2	?	1·65	?	1·43	4·65	?	Gujran *C*		
...	...	...	...	...	...	...	...	...	...	2	?	0·86	?	0·46	5·07	?	Barthala *C*		
...	...	...	...	...	...	...	...	...	...	2	?	0·25	?	0·15	4·25	?	Dadahur *C*	Nabha State.	
...	...	...	...	...	...	...	...	...	...	2	?	0·55	?	0·36	2·71	?	Bundher *C*		
...	...	...	...	...	...	...	...	...	...	0	1·6	0·05	0·53	0·05	4·76	4·60	Samrala	Ludhiana.	
...	...	...	...	...	...	...	...	...	...	1	1·9	0·13	0·80	0·10	4·29	5·59	**Ludhiana**		
...	...	...	...	...	...	...	...	...	...	1	1·4	0·26	0·45	0·22	5·08	3·23	Jagraon		
...	...	...	...	...	...	...	...	...	...	0	1·7	0·07	0·97	0·04	4·26	5·94	**Jullundur**	Jullundur.	
...	...	...	...	...	...	...	...	...	...	0	1·3	0·09	0·43	0·06	5·73	4·35	Nakodar		
...	...	...	...	...	...	...	...	...	...	0	1·4	0·04	0·72	0·04	4·92	5·11	Phillour		
...	...	...	...	...	...	...	...	...	...	0	1·9	0	0·58	0	6·71	5·82	Nawashahr		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Submontane—*concluded*.	Hoshiarpur.	Dasuya ...	...	...	...	...	...	...	...	...	...	...	...	...	0·21	...	...	...	0·26	...	...	...	...
		Una ...	...	...	...	...	...	...	...	...	...	0·09	...	...	...	...	...	...	...	...	...	...	...
		Garhshankar ...	...	...	...	...	...	...	...	...	...	0·37	...	...	...	...	...	...	...	...	...	...	...
		Sadr Station ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hoshiarpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gurdaspur.	Aliwal *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	0·85	...	...	0·45	0·85	...	...	0·05	...
		Batala ...	...	...	...	...	...	...	...	...	...	...	...	0·04	0·54	...	...	0·26	0·70	...	...	0·06	...
		Tibri *C* ...	...	...	...	...	...	...	...	...	...	0·15	...	...	1·0	...	...	0·05	0·25	...	...	...	...
		Gurdaspur ...	...	...	...	...	...	...	...	...	...	0·09	...	...	1·15	...	...	0·26	...	...	0·14	0·04	0·05
		Pathankot ...	...	...	...	...	...	...	...	...	...	...	...	0·04	0·42	0·07	...	0·17	...	...	...	...	...
		Dalhousie ...	...	...	...	...	...	...	...	...	...	0·44	...	0·06	2·29	0·79	...	0·20	...	...	...	0·22	0·14
		Madhopur *C* ...	...	...	...	...	...	...	...	...	...	0·05	...	...	0·55	0·35	...	...	0·20	...	...	...	0·05
		Shakargarh ...	...	...	...	...	...	...	...	...	...	0·08	...	0·04	0·51	1·22	0·04	0·57	0·14	...	...	...	0·10
	Amritsar.	Buchar *C* ...	...	...	...	...	...	...	...	...	...	...	...	0·29	0·49	...	0·02	0·36	...	...	...	0·11	...
		Khara *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tarn Taran ...	...	...	...	...	...	...	...	...	...	...	...	0·03	0·60	H.	R.	0·26	...	...	...	0·08	...
		Raya *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	0·13	...	...	0·21	...	...	...	...	...
		Amritsar Jail Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	0·78	...	...	0·13	...	...	...	...	...
		Amritsar *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	0·35	...	...	0·20	0·30	...	...	...	...
		Buggeh *C* ...	...	...	...	...	...	...	...	...	...	...	...	0·30	1 05	...	...	1·00	...	...	...	...	...
		Ajnala ...	...	...	...	...	...	...	...	...	...	...	...	...	0·57	...	...	0·41	...	...	...	0·06	...
Punjab, Hill Division.	Simla.	Kasauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barauli ...	...	...	...	...	...	...	...	...	...	...	0·13	0·16	0·53	...	...	...	...	0·35	...	...	...
		Simla ...	...	...	...	...	...	...	...	...	...	0·18	...	...	0·14	0·12	0·02	...	...	...	0·10	0·62	0·03
		Kot Khai ...	...	...	...	...	...	...	...	0·28	...	0·14	...	...	...	...	...	...	...	0·18	0·23	...	...
		Kotgarh ...	...	...	...	...	...	...	...	...	0·60	...	...	...	0·35	...	...	...	...	0·20	0·15	...	...
		Kilba ...	...	...	0·01	0·02	...	...	...	...	0·10	0·52	0·02	...	0·13	0·04	...	0·15	...	0·02	0·10	0·50	...
Punjab, North-West.	Kangra.	Plach ...	...	...	...	...	...	...	...	...	0.33	0·47	...	...	0·03	0·17	...	0·05	0·03	...	0·12	0·18	0·07
		Kulu ...	...	...	...	...	...	...	...	...	0·11	0·67	...	...	...	0·55	...	0·29	...	0·58	0·22	0·28	0·39
		Nagar ...	...	...	...	...	...	...	...	0·10	0·65	...	...	0·23	0·41	...	0·40	...	...	...	0·44	0·20	...
		Palampur ...	...	...	...	...	...	...	...	...	...	0·36	...	...	0·17	0·26	...	0·15	...	...	...	0·04	0·10
		Hamirpur ...	...	...	...	...	...	...	...	...	...	0·21	...	...	R.	0·04	...	0·08	...	...	...	...	...
		Dera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kangra ...	...	...	...	...	...	...	...	...	...	0·04	...	...	0·06	...	...	0·15	...	...	...	...	...
		Dharmsala ...	...	...	...	...	...	...	...	...	0·10	0·16	...	0 07	0·53	0.52	...	0.43	...	...	...	0·03	...
		Nurpur ...	...	...	...	...	...	...	...	...	...	1·50	...	...	1·07	...	...	0·16	...	...	...	0·07	...
	Gujranwala.	Ramnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Wazirabad ...	...	...	...	...	...	...	...	...	...	...	...	0·26	0·77	...	...	0·29	...	...	...	0·12	...
		Gujranwala Sadr Kacheri.	...	...	...	...	...	...	...	...	...	...	...	...	0·72	...	0·02	0·78	...	...	...	0·09	...
		Shekhupura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·60	...	...	...	...	...
		Hafizabad ...	...	...	...	...	...	...	...	...	...	...	...	...	0·90	0·21	...	0·45	...	...	...	...	...
		Khangah Dogran ...	...	...	...	...	...	...	...	...	...	...	...	...	0·36	...	...	0·40	...	...	...	0·42	0·07
		Rampur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...	0·50	...	...	...	...	...
		Pacca Dalla *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	0·35	...	...	...	...	...
		Firoz *C* ...	...	...	...	...	...	...	...	...	...	...	0·3	0·2	...	...	0·1	0 2	...	...	...	0·2	...
	Sialkot.	Zafarwal ...	...	...	...	...	...	...	...	...	...	0·75	...	...	0·80	0·08	0 03	0·44	...	...	...	0·11	0·14
		Pasrur ...	...	...	...	...	...	...	...	...	...	...	...	...	0·25	...	...	0.75	...	...	...	...	0·20
		Raya ...	...	...	...	...	...	...	...	...	...	0·06	...	...	0·70	...	0·10	0·43	...	...	...	0·17	...
		Daska ...	...	...	...	...	...	...	...	...	...	...	...	...	0·54	...	...	0·92	...	...	...	...	0·02
		Sialkot ...	...	...	...	...	...	...	...	...	...	...	...	0·07	0·23	...	0·03	0·74	...	...	...	...	0·02

Punjab for the month of May 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st May 1898.	Average rainfall from 1st October up to 31st May.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	2	1·3	0·47	0·71	0·26	6·85	7·69	Dasuya	Hoshiarpur.	Punjab, Submontane—*concluded.*
...	...	...	...	...	...	...	...	...	...	0	1·8	0·09	0·92	0·09	6·72	6·71	Una		
...	...	...	...	...	...	...	...	...	...	1	1·8	0·37	1·25	0·37	8·27	7·26	Garhshankār		
...	...	...	...	...	...	...	...	...	...	0	1·9	0	0·95	0	6·17	7·57	**Sadr Station**		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	6·09	?	Hoshiarpur		
...	...	...	...	...	...	...	...	...	...	3	2·5	2·20	0·77	0·85	6·78	5·36	Aliwal *C*	Gurdaspur.	
...	...	...	...	...	...	...	...	...	...	3	1·6	1·60	0·65	0·54	5·93	6·68	Batala		
...	...	...	...	...	...	...	...	...	...	3	2·3	1·45	0·85	1·00	7·65	7·21	Tibri *C*		
...	...	...	...	...	...	...	...	...	...	3	1·9	1·73	0·93	1·15	9·08	6·81	**Gurdaspur**		
...	...	...	...	...	0·02	...	...	...	...	2	2·0	0·72	1·12	0·42	7·63	9·90	Pathankot		
...	...	...	...	...	...	...	...	...	...	6	5·7	4·14	2·72	2·29	17·48	18·98	Dalhousie		
...	...	...	...	...	...	...	...	...	...	3	3·4	1·20	1·19	0·55	7·60	12·78	Madhopur *C*		
...	...	...	...	...	0·02	...	...	...	...	5	1·6	2·72	0·98	1·22	8·76	8·55	Shakargarh		
...	...	...	...	...	...	...	...	...	...	4	2·7	1·27	0·83	0·49	7·20	5·51	Buchar *C*	Amritsar.	
...	...	...	...	...	...	...	...	...	...	0	1·4	0	0·77	0	5·48	3·53	Khara *C*		
...	...	...	...	...	...	...	...	...	...	2	1·1	0·97	0·38	0·60	6·39	4·32	Tarn Taran		
...	...	...	...	...	...	...	...	...	...	2	0·8	0·34	0·51	0·21	4·78	5·64	Raya *C*		
...	...	...	...	...	...	...	...	...	...	2	2·4	0·91	0·90	0·78	6·45	6·02	**Amritsar Jail Hospital.**		
...	...	...	...	...	...	...	...	...	...	3	?	0·85	?	0·35	7·25	?	**Amritsar *C***		
...	...	...	...	...	...	...	...	...	...	3	2·2	2·35	0·78	1·05	10·45	5·06	Buggeh *C*		
...	...	...	...	...	...	...	...	...	...	2	1·2	1·04	0·52	0·57	7·17	3·87	Ajnala		
...	...	...	...	0·15	...	...	...	...	...	1	4·0	0·15	2·26	0·15	6·85	11·69	Kasauli	Simla.	Punjab, Hill Division.
...	...	...	...	...	...	...	...	...	...	4	5·2	1·17	2·13	0·53	7·81	11·91	Barauli		
...	...	...	...	...	...	...	...	...	...	5	5·9	1·21	3·76	0·62	8·94	15·52	**Simla**		
...	...	...	...	...	...	...	...	...	...	4	7·3	0·83	4·27	0·28	6·60	18·56	Kot Khai		
...	...	...	...	...	0·20	...	...	...	0·25	6	7·5	1·75	5·40	0·60	7·92	21·93	Kotgarh		
...	...	...	...	...	...	...	...	...	...	6	8·3	1·61	4·19	0·52	8·73	30·29	Kilba		
...	...	...	...	...	...	0·10	...	...	...	6	6·0	1·55	2·41	0·47	10·04	16·01	Plach	Kangra.	Punjab, North-West.
...	...	...	...	...	...	0·21	...	...	...	9	6·4	3·30	2·34	0·67	14·15	23·12	Kulu		
...	...	...	...	...	...	0·05	...	...	...	7	6·6	2·48	2·94	0·65	13·12	18·60	Nagar		
...	...	...	...	...	...	...	...	...	...	5	5·9	1·08	2·42	0·36	9·42	21·24	Palampur		
...	...	...	...	...	...	...	...	...	...	1	2·9	0·33	1·44	0·21	7·32	11·25	Hamirpur		
...	...	...	...	...	...	...	...	...	...	0	2·7	0	1·29	0	5·02	11·65	Dera		
...	...	...	...	...	...	...	...	...	...	1	2·8	0·25	1·25	0·15	6·54	11·91	Kangra		
...	...	...	...	...	...	...	...	...	0·10	6	5·7	1·94	2·65	0·53	13·75	20·18	**Dharmsala**		
...	...	...	...	...	...	...	...	...	...	3	3·0	2·80	1·17	1·50	8·36	15·06	Nurpur		
...	...	...	...	...	...	...	...	...	...	0	1·1	0	0·90	0	5·84	4·30	Ramnagar	Gujranwala.	
...	...	...	...	...	...	...	...	...	...	4	2·3	1·44	0·76	0·77	7·30	6·00	Wazirabad		
...	...	...	...	...	...	...	...	...	...	2	2·4	1·61	0·73	0·78	6·29	6·29	**Gujranwala Sadr Kacheri.**		
...	...	...	...	...	...	...	...	...	...	1	0·9	0·60	0·91	0·60	6·07	3·26	Shekhupura		
...	...	...	...	...	...	...	...	...	...	3	1·8	1·56	0·70	0·90	8·42	5·49	Hafizabad		
...	...	...	...	...	...	...	...	...	...	3	?	1·31	?	0·46	8·07	?	Khangah Dogran		
...	...	...	...	...	...	...	...	...	...	2	?	0·80	?	0·50	5·80	?	Rampur *C*		
...	...	...	...	...	...	...	...	...	...	2	?	0·50	?	0·35	4·60	?	Pacca Dalla *C*		
...	...	...	...	...	...	...	...	...	...	5	?	1·0	?	0·30	4·86	?	Firoz *C*		
...	...	...	...	...	...	...	...	...	...	5	1·5	2·35	0·88	0·80	7·57	7·27	Zafarwal	Sialkot.	
...	...	...	...	...	...	...	...	...	...	3	1·9	1·20	0·87	0·75	6·76	8·24	Pasrur		
...	...	...	...	...	...	...	...	...	...	4	1·5	1·46	0·77	0·70	7·65	5·26	Raya		
...	...	...	...	...	...	...	...	...	...	2	1·3	1·48	0·99	0·92	8·24	6·77	Daska		
...	...	...	...	...	...	...	...	...	...	2	2·5	1·09	1·25	0·74	7·01	8·83	**Sialkot**		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, North-West—*concluded.*	Gujrat.	Sadr (Gujrat) ...	...	...	...	...	...	...	...	...	...	...	...	...	0·80	...	...	0·22	...	...	...	0·21	0·12
		Kharian ...	...	...	...	...	...	...	...	...	...	...	...	...	0·68	0·08	...	...	...	...	...	...	...
		Phalia ...	...	...	...	...	...	...	...	...	...	...	...	...	0·44	...	...	...	...	...	...	...	...
	Jhelum.	Pind Dadan Khan...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	0·28	...	0·08	...	...	...	0·07	0·09
		Sadr Station (Jhelum)	...	...	...	...	...	...	...	...	...	...	...	...	0·61	...	0·19	0·18	...	...	...	0·17	...
		Chakwal ...	...	...	...	...	...	...	...	...	...	...	...	...	0·37	...	0·20	0·63	...	...	...	0·05	0·06
		Talagang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·80	0·17	...	0·27	...	0·02	...
	Rawalpindi.	Pindigheb ...	...	...	...	...	...	...	...	...	...	...	...	...	0·49	0·02	0·12	0·38	...	...	0·07	0·28	...
		Fatahjang ...	...	...	...	...	...	...	...	...	...	...	...	...	0·70	...	0·09	0·04	...	...	...	...	...
		Attock ...	...	...	...	...	...	...	...	...	...	...	...	...	0·17	...	...	0·03	...	...	...	...	...
		Rawalpindi ...	...	...	...	...	...	...	...	...	...	...	0·07	...	0·76	...	0·03	0·27	...	...	...	...	...
		Gujar Khan ...	...	...	...	...	...	...	...	0·18	...	...	0·11	1·07	...	0·25	...	...	...	...	...	...	...
		Kahuta ...	...	...	...	...	...	...	...	...	0·26	...	...	...	1·04	...	0·16	...	...	...	...	...	...
		Murree ...	...	...	...	...	...	...	...	...	...	0·10	...	...	1·18	...	0·39	1·02	0·18	...	0·19	0·31	0·31
	Peshawar.	Swabi ...	...	...	...	...	...	...	...	...	...	...	...	...	0·26	...	...	0·09	...	...	...	...	...
		Lahor (Utman Bolak)	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	...	...	...	...
		Nowshera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mardan ...	...	...	...	...	...	...	...	...	...	...	...	0·35	...	...	0·34	...	...	...	0·11	...	...
		Katlang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hashtnagar (Charsadda.)	...	...	...	...	...	...	...	...	...	...	...	...	0·35	...	...	0·45	...	...	...	...	...
		Nabakki ...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...	...	...	...	...	...
		Peshawar ...	...	...	...	...	D.	...	...	...	...	...	R.	0·06	0·45	...	...	0·72	...	...	...	...	...
		Abazai *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	0·75	...	0·05	0·15	...	...	...	...	...
		Khan Mahi *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	...	...	...
		Para Chinar (Kurram)	...	...	...	...	...	...	...	0·15	...	...	0·02	0·38	0·20	0·30	0·75	...	...	...	...	0·06	...
	Hazara.	Abbott-abad ...	...	...	...	...	...	...	...	...	0·03	...	...	0·05	1·47	...	0·35	0·96	...	...	0·13	...	0·51
		Mansahra ...	...	...	...	...	...	...	...	...	...	...	...	...	1·10	...	0·25	1·66	...	...	...	...	0·35
		Haripur ...	...	...	...	...	...	...	...	...	...	...	...	...	1·50	...	...	1·37	...	...	...	...	0·12
	Kohat.	Kohat ...	...	...	...	...	...	...	...	...	...	...	...	0·07	0·30	...	0·16	0·85	...	...	...	...	...
		Hangu ...	...	...	...	...	...	...	...	...	...	...	...	0·07	0·63	0·14	...	0·53	0·35	0·43	...	...	0·22
		Thal ...	...	...	...	...	...	...	...	...	...	...	...	0·25	...	...	...	...	...	...	...	...	...
		Banda Daud Shah...	...	...	...	...	...	...	...	...	...	...	...	0·12	0·54	...	0·21	0·45	0·25	...	...	...	...
		Khushalgarh ...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	0·08	0·69	...	...	...	...	...
Punjab, West.	Bannu.	Mianwali ...	...	...	...	...	...	...	...	...	...	...	...	0·20	0·10	...	...	0·33	...	...	...	0·10	...
		Isa Khel ...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	...	0·10	0·26	...	...	...	0·09	...
		Bannu ...	...	...	...	...	...	...	...	...	...	...	...	...	0·09	...	0·20	0·11	...	...	...	...	...
		Marwat ...	...	...	...	...	...	...	...	...	...	...	...	0·24	0·50	...	...	0·13	...	...	...	0·26	...

Punjab for the month of May 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st May 1898.	Average rainfall from 1st October up to 31st May.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	4	2·4	1·35	0·90	0·80	7·48	8·54	**Sadr (Gujrat)**	Gujrat.	Punjab, North-West—*concluded.*
...	...	...	...	...	...	...	...	...	...	1	2·1	0·76	0·83	0·68	6·61	8·01	Kharian		
...	...	...	...	...	...	...	...	...	...	1	1·6	0·44	0·96	0·44	4·69	6·56	Phalia		
...	...	...	...	...	...	...	...	...	...	2	1·3	1·49	0·49	0·97	6·74	5·28	Pind Dadan Khan	Jhelum.	
...	...	...	...	...	...	...	...	...	...	4	2·9	1·15	1·00	0·61	8·48	7·42	**Sadr Station (Jhelum)**		
...	...	...	...	...	...	...	...	...	...	3	2·1	1·31	0·96	0·63	7·17	5·97	Chakwal		
...	...	...	...	...	...	...	...	...	...	3	3·0	2·26	1·55	1·80	6·51	7·40	Talagang		
...	...	...	...	...	0·06	...	...	...	...	4	1·9	1·42	0·81	0·49	6·97	7·22	Pindigheb	Rawalpindi.	
...	...	...	...	...	...	...	...	...	...	1	2·4	0·83	0·97	0·70	7·78	8·74	Fatahjang		
...	...	...	...	...	...	...	...	...	...	1	1·4	0·20	0·90	0·17	7·62	8·30	Attock		
...	...	...	...	...	...	...	...	...	...	2	3·6	1·13	1·41	0·76	7·76	12·28	**Rawalpindi**		
...	...	...	...	...	...	...	...	...	...	4	3·4	1·65	1·49	1·07	7·78	9·72	Gujar Khan		
...	...	...	...	...	...	...	...	...	...	3	2·7	1·46	1·20	1·04	8·06	10·85	Kahuta		
...	...	...	...	...	...	...	...	...	...	8	5·1	3·68	3·83	1·18	17·10	16·43	Murree		
...	...	...	...	...	...	...	...	...	...	1	1·0	0·35	1·00	0·26	9·17	8·23	Swabi	Peshawar.	
...	...	...	...	...	...	...	...	...	...	1	0·5	0·20	0.44	0·2	6·22	7·94	Lahor (Utman Bolak)		
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·70	0	7·09	8·06	Nowshera		
...	...	...	...	...	...	...	...	...	...	3	0·9	0·80	0·45	0·35	8·52	8·39	Mardan		
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·52	0	3·99	6·81	Katlang		
...	...	...	...	...	...	...	...	...	...	2	0·6	0·80	0·33	0·45	7·30	6·33	Hashtnagar (Charsadda).		
...	...	...	...	...	...	...	...	...	...	1	0·8	0·15	0·52	0·15	6·37	8·12	Nabakki		
...	...	...	...	...	...	...	R.	D.	D.	2	1·5	1·23	0·72	0·72	7·19	7·82	**Peshawar**		
...	...	...	...	...	...	...	...	...	...	2	?	0·95	?	0·75	6·30	?	Abazai *C*		
...	...	...	...	...	...	...	...	...	...	1	?	0·50	?	0·50	3·70	?	Khan Mahi *C*		
...	...	...	...	0·02	0·16	0·40	...	...	...	7	?	2·44	?	0·75	13·39	?	Para Chinar (Kurram)		
0·12	...	...	...	...	...	0·08	...	...	...	6	4·8	3·70	2·60	1·47	19·35	20·69	**Abbott-abad**	Hazara.	
0·10	...	...	...	...	...	...	...	...	...	5	3·0	3·46	1·52	1·66	15·76	19·54	Mansahra		
...	...	...	...	...	...	...	...	...	...	3	2·5	2·99	1·33	1·50	10·09	14·85	Haripur		
...	0·16	...	...	...	0·12	0·38	...	...	...	6	3·5	2·04	1·61	0·85	7·98	9·37	**Kohat**	Kohat.	
...	...	...	...	0·06	0·12	0·28	...	...	...	8	?	2·83	?	0·63	10·17	?	Hangu		
...	0·35	...	...	0·18	0·40	...	...	...	...	4	?	1·18	?	0·40	8·30	?	Thal		
...	.	...	0·06	...	...	0·29	...	...	...	7	?	2·32	?	0·54	7·56	?	Banda Daud Shah		
...	...	...	...	...	0·02	...	...	...	...	2	?	0·89	?	0·69	1·02	?	Khushalgarh		
...	...	...	...	...	...	...	...	0·90	...	5	1·2	1·63	0·63	0·90	5·79	4·08	Mianwali	Bannu.	Punjab, West.
...	0·06	...	...	...	...	0·03	..	...	...	2	1·5	0·60	0·71	0·26	5·41	4·48	Isa Khel		
...	0·15	...	0·05	...	0·06	0·13	...	...	...	4	1·5	0·79	0·67	0·20	5·36	5·09	**Bannu**		
...	0·76	...	0·20	...	...	...	...	...	...	6	1·8	2·09	0·94	0·76	5·43	4·87	Marwat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab West—*concluded.*	Shahpur.	Midh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sahiwal	...	...	...	...	...	...	...	...	...	...	0·46	0·75	...	...	0·25	...	...	...	0·10	...	...
		Nurpur	...	...	...	...	...	...	...	...	...	...	...	...	0·95	...	...	...	...	...	...	...	...
		Mitha Tiwana	...	...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	0·50	...	...	...	...	...
		Sakesar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naushahra	...	...	...	...	...	...	...	...	...	...	...	0·35	...	0·51	0·32	...	...	...	1·00	...	...
		Khushab	...	...	...	...	...	...	...	...	...	...	...	0·10	2·00	...	0·15	0·49	...	...	...	0·19	...
		Shahpur	...	...	...	...	...	...	...	...	...	...	...	...	1·65	0·10	...	0·20	...	...	...	0·20	...
		Bhera	...	...	...	...	...	...	...	...	...	...	...	1·58	0·14	...	...	...	...	...	0·27	...	...
		Miani	...	...	...	...	...	...	...	...	...	...	...	0·85	0·15	...	...	...	...	...	...	...	...
	Jhang.	Shorkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhang	...	...	...	...	...	...	...	...	...	...	...	0·01	...	...	0·02	...	...	...	...	...	...
		Chiniot	...	...	...	...	...	...	...	...	...	...	...	0·09	0·85	...	...	0·47	...	...	...	0·17	...
		Badwali *C*	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...	0·20	...	...	...	...	...
		Tarkhani *C*	...	...	...	...	...	...	...	...	...	...	...	0·01	...	...	...	...	...	...	...	...	...
		Muridwala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khewra *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Laklani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...
		Lyallpur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	0·20	...	...
		Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	0·01	...	0·01	...	...	...	0·08	0·17	...
	D. I. Khan.	Tank	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	0·17	0·12	...	0·13	...	...	...
		Kulachi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·41	0·11	...	...	...	...	...
		Dera Ismail Khan	...	...	...	...	...	...	...	...	...	...	...	...	0·01	...	0·38	...	...	...	...	...	...
		Bhakkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	...	...	...	...
		Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...	...
		Shekh Budin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·57	0·46	...	0·31	...	...	...
	D. G. Khan.	Sanghar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	...
		Dera Ghazi Khan	...	...	...	...	...	...	...	...	...	...	R.	...	...	R.	...	...	...	0·53	...	...	...
		Fort Munro	...	...	...	...	...	...	...	...	...	...	...	...	...	0·47	...	...	R.	0·10	0·04	...	...
		Jampur	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	0·22	0·19	...	...
		Rajanpur	...	...	...	...	...	...	...	...	...	...	R.	...	...	...	0·04	...	...	...	...	...	...
	Muzaffar-garh.	Alipur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·09	...	...	...	...	...	...
		Muzaffargarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sinanwan	...	...	...	...	...	...	...	...	...	...	0·01	...	...	0·02	...	...	...	0·03	...	...	...
	Mooltan.	Mailsi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·12	0·03	...	...
		Lodhran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	...	...	...
		Shujabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...
		Mooltan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...
		Kabirwala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NOTE—R denotes.
[illegible] do.
... do.
H do.
S do.

***Punjab for the month of May* 1898—concluded.**

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st May 1898.	Average rainfall from 1st October up to 31st May.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	0	1·0	0	0·58	0	4·00	4·60	Midh	Shahpur.	Punjab West—*concluded.*
...	...	...	...	...	...	...	...	...	...	4	1·0	1·56	0·70	0·75	4·06	4·28	Sahiwal		
...	...	0·16	...	...	...	...	...	...	...	2	1·0	1·11	0·70	0·95	3·76	2·76	Nurpur		
...	...	...	...	...	...	...	...	...	...	2	1·1	1·00	0·64	0·50	2·25	4·00	Mitha Tiwana		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·64	0	9·73	1·74	Sakesar		
...	...	...	...	...	...	...	...	...	...	4	2·8	2·18	1·46	1·00	6·69	6·14	Naushahra		
...	...	...	...	...	...	...	...	...	...	5	1·0	2·93	0·38	2·00	6·42	3·45	Khushab		
...	...	...	...	...	...	...	...	...	...	4	1·8	2·15	0·93	1·65	6·00	5·24	Shahpur		
...	...	...	...	...	...	...	...	...	...	3	1·4	1·99	0·76	1·58	6·91	5·36	Bhera		
...	...	...	...	...	...	...	...	...	...	2	1·2	1·00	0·64	0·85	5·20	5·76	Miani		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·38	0	2·27	2·51	Shorkot	Jhang.	
...	0·21	...	...	...	...	...	...	...	...	1	1·5	0·24	0·34	0·21	2·44	2·52	Jhang		
...	...	...	...	...	...	...	...	...	...	3	1·3	1·58	0·47	0·85	5·12	2·97	Chiniot		
...	...	...	...	...	...	...	...	...	...	2	?	0·50	?	0·30	3·60	?	Badwali *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0·01	?	0·01	2·30	?	Tarkhani *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	3·19	?	Muridwala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	2·70	?	Khewra *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0·05	?	0·05	2·65	?	Laklani *C*		
...	...	...	...	...	...	...	...	...	...	2	?	0·40	?	0·20	3·90	?	Lyallpur *C*		
...	...	...	...	...	...	...	...	...	...	1	?	0·27	?	0·17	3·77	?	Lyallpur		
...	...	...	...	...	...	...	...	...	...	3	1·0	0·50	0·28	0·17	3·15	2·59	Tank	D. I. Khan.	
...	0·04	...	...	...	...	...	...	...	...	2	0·9	0·56	0·41	0·41	3·40	2·72	Kulachi		
...	...	...	...	...	...	...	...	...	...	1	1·2	0·39	0·43	0·38	5·43	3·40	Dera Ismail Khan		
...	...	...	...	...	...	...	...	...	...	0	0·6	0·06	0·39	0·06	2·46	2·56	Bhakkar		
...	...	...	...	...	...	...	...	...	...	0	0·5	0·03	0·28	0·03	1·73	2·37	Leiah		
...	0·05	...	...	...	...	...	...	...	...	3	?	1·39	?	0·57	6·27	?	Shekh Budin		
...	...	...	...	...	0·02	0·02	...	...	...	0	0·8	0·08	0·8	0·04	1·77	2·92	Sanghar	D. G. Khan.	
...	...	...	...	...	...	...	...	...	...	1	1·4	0·53	0·55	0·53	1·78	2·84	Dera Ghazi Khan		
...	...	...	...	...	0·68	...	...	...	...	3	0·6	1·29	0·12	0·68	2·52	1·15	Fort Munro		
...	...	...	...	...	...	...	...	...	...	2	1·0	0·44	0·40	0·22	1·61	1·51	Jampur		
...	...	...	...	...	...	...	...	...	...	0	0·6	0·04	0·34	0·04	0·88	1·17	Rajanpur		
...	...	...	...	...	...	...	...	...	...	0	0·8	0·09	0·24	0·09	2·14	1·56	Alipur	Muzaffargarh.	
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·29	0	1·86	1·63	Muzaffargarh		
...	0·09	...	...	...	...	0·01	...	...	...	0	0·7	0·16	0·16	0·16	1·45	2·14	Sinanwan		
...	...	...	...	...	...	...	...	...	...	1	0·3	0·15	0·32	0·12	2·33	1·18	Mailsi	Mooltan.	
...	...	...	...	...	...	...	...	...	...	0	0·7	0·05	0·15	0·05	2·59	1·35	Lodhran		
...	...	...	...	...	...	...	...	...	...	0	0·7	0·05	0·20	0·05	2·09	1·30	Shujabad		
...	...	0·02	...	...	...	0·04	...	...	...	0	1·2	0·08	0·26	0·04	1·96	1·63	Mooltan		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·19	0	1·75	1·56	Kabirwala		

slight rain.
dust storm.
thunder.
hail.
snowfall.

P. D. SHROFF, *Supdt.*,
Office of Director of Land Records and Agriculture, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 4th June 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other Earnings (estimated).	Total Earnings.	Traffic Train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs A. P.	Rs A P.			
Total traffic for the week	19,830	14,043 13 0	105,177 30	14,766 12 0	85 0 0	28,895 9 0	6,874	4,064	10,938
Or per mile of Railway	..	86 9 0	...	91 0 3	0 8 5	178 1 8	...	...	...
For previous 21 1/7 weeks of half-year	*611,574	*4,42,527 5 0	†2,225,219 20	†3,11,919 13 0	‡1,841 0 0	7,56,288 2 0	163,125	100,027	263,152
Total for 22 1/7 weeks ...	631,404	4,56,571 2 0	2,330,397 10	3,26,686 9 0	1,926 0 0	7,85,183 11 0	169 999	104,091	274,090
COMPARISON.									
Total for corresponding week of previous year ...	18,520	13,373 3 8	77,933 20	11,153 2 0	62 5 6	24,588 11 2	6,454	4,053	10,507
Per mile of Railway corresponding week of previous year.	...	83 5 5	...	69 8 0	0 6 3	153 3 8	...	...	...
Total for corresponding 22 2/7 weeks of previous year ...	386,494½	3,38,278 9 3	1,938,907 30	2,45,116 1 11	1,387 12 3	5,84,782 7 5	150,015	85,924	235,939

* Added No. of passengers 701 and deducted Rs. 375
† Do. Mds. 99,884 and deducted „ 208
‡ Deducted „ 14
} on account of difference between the Approximate and Audited figures for the weeks ended 23rd and 30th April 1898.

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 9th June 1898.

T. ASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore—23-6-98—690.

No. 26 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JUNE 30, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 28th JUNE 1898.

No.	Reporting Station.	Rain	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 16 seers ... Gram 24 seers. Bájra 23 seers.	...	Canal sowings in progress. Rain needed for báráni sowings.
2	Delhi ...	...	1. Sufficient ... 2. Good.	Wheat 14½ seers... Gram 20½ seers. Bájra 22 seers.	Food stock sufficient ...	Rain badly wanted.
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 19 seers ... Gram 20 to 21 seers. Maize 28 seers.	Buying of wheat for export has ceased.	Rain awaited. Land being manured and prepared for sowings. China and cotton sown.
4	Jullundur ...	...	1. Sufficient ... 2. Good.	Wheat 19¼ seers Gram 22 seers. Barley 27 seers.	Food stock sufficient ...	...
5	Ferozepore ...	...	1. Sufficient ... 2. Fair.	Unchanged. ...	Food stock sufficient. Reaping of extra spring crop nearly over.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of	
					Rabi (Spring).	Kharff (Autumn).
6	Mooltan ...	...	2. Good ...	Wheat, 2nd quality, 16¼ seers.	...	Sowings in progress. Sidhnai Canal dry. Water scanty in other canals.
7	Lahore ...	...	1. Sufficient ...	Wheat 17½ to 19½ seers. Maize 28 to 29 seers.	Outturn on the whole above average	Autumn crops being sown. Irrigation of sugar ane and rice in progress
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 19 seers ... Maize 20 seers.	Food stock sufficient ...	Rain wanted for autumn sowings. Rice being sown in canal irrigated lands.
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 15½ to 16½ seers Rice 9 to 10 seers.	...	Weeding going on. Rain wanted.
10	Shahpur ...	...	1. Sufficient ...	Wheat 18 to 21 seers. Bájra 20 to 23 seers.	Recent rains have slightly damaged wheat.	...
11	Ráwalpindi ...	0·17 in Pindigheb	1. Sufficient ...	Wheat 16 seers ... Bájra 21 seers. Maize 23 seers.	Threshing completed. Food stock sufficient.	Little sowing done owing to want of rain.
12	Peshâwar ...	...	1. Sufficient ... 2. Good.	Wheat $16\frac{4}{16}$ seers Maize $26\frac{13}{16}$ seers.	Food stock sufficient. Condition of standing crops good.	Some autumn crops being sown.
13	D. I. Khan ..	...	1. Sufficient ... 2. Good.	Wheat 1¼ seers Bájra 26¼ seers.	Condition of extra spring crops good. Harvesting of wheat in progress. Outturn average.	Cotton crop in good condition.

GENERAL REMARKS.

Rainfall.—Only a slight shower reported from the Ráwalpindi District.

Prices—Have fallen in Hissar, Umballa, Mooltan, Lahore and Dera Ismail Khan and remained almost unchanged elsewhere. Wheat is selling from 14½ to 21¼, maize 23 to 28, barley 27, gram 20 to 24, and bulrush millet 20 to 26¼ seers per rupee.

Agricultural operations.—Threshing completed in Ráwalpindi, reaping of extra spring crops nearly over in Ferozepore, and harvesting of wheat in progress in Dera Ismail Khan. Ploughings and sowings of autumn crops commenced in some districts. Rain badly wanted.

Crops and outturn.—Condition of standing crops good in Dera Ismail Khan. Outturn of spring crops reported above average in Lahore. Buying of wheat for export has ceased in Umballa.

Damage done to crops.—Recent rain has slightly damaged wheat in Shahpur.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient throughout the Province.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING APRIL 1898.

Stations.	Pressure.		Wind.		Temperature in shade.								
	Barometer at 8 A. M.	Variation from normal.	Mean direction and force in April 1898.	Normal direction and force in April.	8 A. M.	Mean maximum.	Variation from normal.	Mean minimum.	Variation from normal.	Mean monthly variation from normal.	Humidity.	Vapour tension.	Amount of cloud, 10 overcast.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Delhi ...	29·713	— ·027	S. 85° W. 5	N. 65° W. 4	82·6	102·8	+ 2·4	75·5	+ 2·3	+ 2·4	3[illegible]	·329	1
Sirsa ...	29·790	— ·024	S. 46° W. 6	N. 78° W. 4	81·5	104·8	+ 4·3	69·5	+ 1·5	+ 2·9	27	·292	1
Umballa ...	29·714	?	N. 75° W. 3	? ?	77·5	102·0	?	68·3	?	?	47	·439	1
Ludhiána ...	29·712	— ·028	S. 11° W. 2	N. 59° W. 2	81·3	101·9	+ 4·3	71·2	+ 4·[illegible]	+ 4·4	3[illegible]	·355	2
Lahore ...	29·709	— ·035	N. 43° E. 3	N. 19° W. 3	79·1	100·8	+ 4·2	70·1	+ 5·4	+ 4·8	4[illegible]	·327	1
Montgomery ...	29·704	— ·023	S. 35° E. 6	? ?	85·6	105·3	+ 4·9	70·0	+ 1·8	+ 3·4	24	·289	1
Siálkot ...	29·716	— ·020	N. 45° E. 2	N. 46° W. 2	81·4	102·2	+ 7·3	70·1	+ 4·1	+ 5·7	3[illegible]	·353	2
Ráwalpindi ...	29·721	— ·017	N. 17° W. 4	N. 65° W. 3	76·5	96·5	+ 8·5	64·5	+ 4·9	+ 6·7	4[illegible]	·386	4
Khusháb ...	29·712	?	N. 39° E. 7	? ?	83·2	101·6	?	70·7	?	?	3[illegible]	·357	2
Pesháwar ...	29·748	— ·035	S. 3	N. 10° E 4	75·5	92·0	+ 5·5	62·8	+ 2·1	+ 3·8	5[illegible]	·357	3
Dera Ismail Khan	29·740	— ·044	N. 8° W. 3	N. 46° E. 2	78·0	93·0	— 0·1	72·7	+ 7·8	+ 3·9	4[illegible]	·475	3
Mooltan ...	29·717	— ·053	S. 1	N. 26° W. 3	82·5	105·1	+ 7·3	71·5	+ 4·1	+ 5·7	3[illegible]	·398	1
Simla ...	23·134	+ ·033	N. 29° E. 6	S. 69° W. ?	62·4	70·7	+ 3·9	56·8	+ 4·3	+ 4·1	3[illegible]	·189	2
Murree ...	23·853	+ ·035	S. 40° E. 8	S. 40° E. 9	65·1	73·3	+ 4·9	59·6	+ 7·6	+ 6·3	3	·200	3
Srinagar ...	24·917	?	S. 35° E. 6	? ?	54·6	73·9	?	45·4	?	?	8	·345	3
Skardu ...	22·947	?	N. 73° W. 5	? ?	50·9	64·3	?	43·8	?	?	77	·383	5
Dras ...	20·861	?	N. 33° W. 3	? ?	39·1	55·0	?	28·1	?	?	86	·221	4
Cherát ...	25·760	?	N. 9° E. 14	? ?	68·2	80·4	?	62·3	?	?	40	·260	3

The slightly unsettled weather which prevailed over the Punjab during March disappeared during April, when very quiet settled conditions were reported almost throughout. There were only two periods of any disturbance during the month, the first lasting from the 5th to the 7th, when thunder storms and strong winds were experienced in the north of the Province, and the second between the 14th and 16th, when dust and thunder storms occasioned some rainfall in the east and submontane districts of the province. With these two exceptions, the weather, though frequently squally and at times somewhat threatening, was fine and rainless.

Pressure and winds.—The barometer on the mean of the month was higher than usual on the hills and lower than usual on the plains of the Punjab. The winds during the month were more southerly and easterly than the normal, and the force was generally higher than the average.

Temperature.—The mean monthly temperature was higher than usual at all stations, the excess ranging from $2\frac{1}{2}^\circ$ at Delhi to $6\frac{1}{2}^\circ$ at Ráwalpindi. The heat was as excessive at the level of the hill stations as at the level of the plains, the heat being 4° higher than usual at Simla and 6° at Murree. The hottest places during the month were Delhi and Mooltan, which recorded mean temperatures of $89{\cdot}2^\circ$ and $88{\cdot}3^\circ$ respectively. In every part of the province the day and night temperatures of the month exceeded the normal, the excess being greatest and large in the case of the day temperatures at Siálkot, Ráwalpindi and Mooltan.

The following table gives (1) the variation from the normal of the mean temperature of the Punjab on each day of the month, and (2) the highest maximum temperature registered in the Province on each day with the station at which it was registered:—

Date.	Variation from normal of mean temperature of Province during the previous 24 hours.	Highest maximum temperature recorded in previous 24 hours.	Station at which recorded.	Date.	Variation from normal of mean temperature of Province during the previous 24 hours.	Highest maximum temperature recorded in previous 24 hours.	Station at which recorded.
1	2	3	4	1	2	3	4
1898.				1898.			
April 1st ...	+ 5·8	101·4	Mooltan.	April 16th ...	+ 1·1	103·7	Delhi.
„ 2nd ...	+ 6·6	104·0	Montgomery.	„ 17th ...	— 2·8	103·4	Mooltan.
„ 3rd ...	+ 7·4	103·5	Do.	„ 18th ...	+ 0·5	104·5	Montgomery.
„ 4th ...	+ 5·5	102·3	Sirsa.	„ 19th ...	+ 2·2	107·5	Do.
„ 5th ...	+ 5·5	102·7	Siálkot.	„ 20th ...	+ 5·9	109·5	Do.
„ 6th ...	+ 6·2	104·0	Montgomery.	„ 21st ...	+ 4·6	111·0	Do.
„ 7th ...	+ 3·2	102·3	Sirsa.	„ 22nd ...	+ 4·9	109·3	Sirsa.
„ 8th ...	— 2·4	? 105·5	Umballa.	„ 23rd ...	+ 6·0	109·0	Montgomery.
„ 9th ...	— 1·3	97·3	Mooltan.	„ 24th ...	+ 4·7	108·9	Umballa and Ludhiána.
„ 10th ...	+ 3·0	104·9	Do.	„ 25th ...	+ 4·6	108·7	Delhi.
„ 11th ...	+ 4·0	107·4	Do.	„ 26th ...	+ 4·0	108·3	Sirsa.
„ 12th ...	+ 6·9	109·5	Montgomery.	„ 27th ...	+ 3·3	109·4	Mooltan.
„ 13th ...	+ 9·1	112·1	Do.	„ 28th ...	+ 3·4	110·3	Sirsa.
„ 14th ...	+ 9·1	112·1	Do.	„ 29th ...	+ 4·2	110·9	Mooltan.
„ 15th ...	+ 8·3	110·3	Sirsa.	„ 30th ...	+ 4·6	110·8	Sirsa.

The above table shows that, with the exception of two brief periods, the first lasting 48 and the second 24 hours, the mean temperature of the Punjab has been uninterruptedly above the normal throughout the month. The period of greatest excess was about the middle of the month, and the highest maxima (112°) recorded during the month were registered during this period.

Humidity and cloud.—The mean monthly values of humidity and cloud were about normal, but near the close of the month there occurred a period when the air was excessively dry.

Rain.—No rain whatever fell during the month at Mooltan, Dera Ismail Khan, Khushab, Lahore, Montgomery, Ludhiána and Sirsa, while at the remaining plains stations the total fall of the month was in every case less than half an inch. In all parts of the Punjab, both hills and plains, the total amount of rainfall during the month was much less than usual. In Kashmir the rainfall, though apparently less than the normal in most parts of the country, was much heavier than the fall in the Punjab.

The following table gives the rainfall data for the Punjab stations for April 1898:—

Station.	Normal average rainfall in April.	Actual rainfall in April 1898.	Difference from the average in April 1898.
1	2	3	4
Punjab, West.	Inches.	Inches.	Inches.
Mooltan	0·07	0	—0·07
Dera Ismail Khan	0·77	0	—0·77
Khusháb	0·62	0	—0·62
Pesháwar	1·84	0·42	—1·42
Murree	3·40	0·64	—2·76
Srinagar	1·15	1·25	+0·10
Skardu	3·88	2·35	—1·53
Dras	?	4·20	?
Cherát	2·30	0·23	—2·07
Ráwalpindi	1·95	0·02	—1·93
Siálkot	0·91	0·03	—0·88
Lahore	0·46	0	—0·46
Montgomery	0·24	0	—0·24
Punjab, East.			
Umballa	0·53	0·15	—0·38
Ludhiána	0·85	0	—0·85
Simla	1·90	0·89	—1·01
Delhi	0·24	0·03	—0·21
Sirsa	0·31	0	—0·31

SIMLA: }
The 14*th May* 1898. }

W. L. DALLAS,
Meteorological Reporter to Government, Punjab.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	2			3			4			5		
	QUANTITIES PER RUPEE BY THE											
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (com[illegible]).*		
DISTRICTS.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs	Srs.	Srs	Srs.	Srs.	Srs.
Hissar ...	17	16	11	32	34	13	...	...	...	10	10	8
Rohtak ...	16	16	10	26	25	12	...	...	...	10	10	8
Gurgaon ...	15	15	11	27	26	13	...	...	...	7	7	7
Delhi (*a*) ...	...	14	10	...	26	12	...	...	...	...	10	8
Karnál ...	17	15	11	29	25	13	...	...	...	8	8	8
Umballa ...	18	18	11	26	26	13	...	...	...	10	10	8
Simla ...	12	12	9	18	17	12	...	...	...	8	8	7
Kángra ...	16	16	12	22	21	15	...	...	...	10	10	8
Hoshiárpur ...	19	17	12	26	24	15	...	...	...	11	10	8
Jullundur ...	20	18	12	28	24	15	...	...	...	9	9	8
Ludhiána ...	18	17	12	29	28	14	...	...	...	9	8	8
Ferozepore ...	17	17	11	37	30	13	...	...	...	7	7	7
Mooltan ...	14	14	12	22	22	14	...	...	...	14	14	9
Jhang ...	19	19	12	24	24	15	...	...	...	11	10	8
Montgomery...	16	16	12	23	22	‡	...	...	...	11	10	7
Lahore ...	16	16	12	29	29	15	...	...	...	9	10	7
Amritsar ...	17	16	11	24	24	14	...	...	...	9	9	7
Gurdáspur ...	20	18	13	30	28	18	...	...	...	10	10	7
Siálkot ...	15	15	11	24	24	14	...	...	...	11	11	7
Gujrát ...	17	16	12	24	24	15	...	...	...	9	9	8
Gujránwála ...	17	16	12	31	30	15	...	...	...	11	11	8
Shahpur ...	20	20	13	31	31	16	...	...	...	7	7	6
Jhelum ...	17	17	12	24	25	15	...	...	...	10	10	8
Ráwalpindi ...	15	16	10	28	29	14	...	...	...	8	8	6
Hazára ...	15	14	11	26	27	16	...	...	...	9	9	7
Pesháwar ...	15	15	11	28	25	18	...	...	...	8	8	7
Kohát ...	16	16	12	21	18	14	...	...	...	11	12	9
Bannu ...	22	20	13	36	32	17	...	...	...	12	13	8
D. I. Khan ...	20	19	12	22	24	14	...	...	...	7	7	5
D. G. Khan ...	14	14	11	22	23	12	...	...	...	14	14	6
Muzaffargarh	15	15	13	22	21	14	...	...	...	15	15	8

† Not pro
‡ Not sold.
§ Not pro
(*a*) Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JUNE 1898.

ORDINARY SEER OF 80 TOLAS.

6			7			1
Jowár or Jholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*			
Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
24	24	11	23	23	9	Hissar.
22	22	10	20	20	8	Rohtak.
20	20	9	22	23	9	Gurgaon.
...	23	9	...	22	8	Delhi. (*a*)
22	23	8	19	20	8	Karnál.
26	25	8	20	20	8	Umballa.
21	16	8	16	16	7	Simla.
†	†	§	†	†	§	Kángra.
17	17	8	16	16	8	Hoshiárpur.
18	18	9	18	18	8	Jullundur.
19	21	8	20	21	9	Ludhiána.
18	18	10	18	18	9	Ferozepore.
16	16	9	20	20	10	Mooltan.
22	25	6	‡	20	§	Jhang.
16	§	§	§	§	§	Montgomery.
17	17	11	16	17	9	Lahore.
17	17	8	15	16	8	Amritsar.
25	25	12	11	11	10	Gurdáspur.
17	20	8	15	15	§	Siálkot.
16	16	8	16	17	7	Gujrát.
15	15	9	17	17	9	Gujránwála.
16	16	8	20	20	8	Shahpur.
20	20	10	23	23	8	Jhelum.
22	26	10	21	21	8	Ráwalpindi.
§	§	§	16	16	§	Hazára.
18	16	8	16	17	7	Pesháwar.
§	§	†	21	21	9	Kohát.
41	41	8	31	31	7	Bannu.
26	31	8	25	26	8	D. I. Khan.
22	21	10	23	23	9	D. G. Khan.
17	17	9	14	17	8	Muzaffargarh.

duced.

curable.
not received.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 17 seers as compared with 16 seers in last fortnight and 12 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Umballa ...	11	18	18
Jullundur ...	12	18	20
Gurdáspur ...	13	18	20
Shahpur ...	13	20	20
Bannu ...	13	20	22
L. I. Khan ...	12	19	20

Barley.—Prices average 27 seers as compared with 26 seers in last fortnight and 14 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Hissar ...	13	34	32
Ferozepore ...	13	30	37
Lahore ...	15	29	29
Gujránwála ...	15	30	31
Bannu ...	17	32	36
D. G. Khan ...	12	23	22

Rice.—Prices average 10 seers as compared with 10 seers in last fortnight and 7 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Hissar	8	10	10
Hoshiárpur ...	8	10	11
Mooltan ...	9	14	14
Siálkot ...	7	11	11
Bannu ...	8	13	12
D. G. Khan ...	6	14	14

Jowár.—Prices average 20 seers as compared with 21 seers in last fortnight and 9 seers in corresponding period of 1897 The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Umballa ...	8	25	26
Ludhiána ...	8	21	19
Jhang ...	6	25	22
Ráwalpindi ...	10	26	22
Bannu ...	8	41	41
D. I. Khan ...	8	31	26

Bájra.—Prices average 19 seers as compared with 20 seers in last fortnight and 8 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Hissar ...	9	23	23
Ludhiána ...	9	21	20
Mooltan ...	10	20	20
Jhelum ...	8	23	23
Bannu ...	7	31	31
D. I. Khan ...	8	26	25

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

QUANTITIES PER RUPEE BY

1	8			9			10			11		
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	26	26	11	†	†	10
Rohtak ...	†	†	†	10	10	10	20	21	10	18	18	9
Gurgaon ...	†	†	†	†	†	†	20	20	11	15	16	9
Delhi (a) ...	...	†	†	...	13	8	...	20	10	...	23	9
Karnál ...	24	24	10	8	8	8	21	19	10	23	24	8
Umballa ...	§	§	§	14	16	§	22	22	11	28	28	12
Simla ...	14	14	§	8	10	7	15	15	9	21	17	11
Kángra ...	§	§	20	‡	‡	§	17	17	10	21	21	12
Hoshiárpur ...	21	21	§	12	12	10	23	22	12	27	26	14
Jullundur ...	§	§	§	17	16	10	21	22	12	25	25	10
Ludhiána ...	†	†	†	16	16	8	23	23	11	28	27	11
Ferozepore ...	†	†	†	18	18	8	23	23	11	24	24	10
Mooltan ...	†	†	†	16	12	‡	19	18	11	18	18	9
Jhang ...	40	16	10	40	14	6	18	18	11	20	22	8
Montgomery ...	§	§	§	§	§	†	21	20	11	§	§	‡
Lahore ...	§	§	§	20	22	14	20	20	11	27	28	8
Amritsar ...	§	§	§	17	16	11	22	21	10	19	21	10
Gurdáspur ...	§	§	14	12	12	10	23	22	12	25	25	14
Siálkot ...	§	§	§	§	§	§	19	19	10	21	20	§
Gujrát ...	†	†	†	†	†	‡	18	17	11	19	20	8
Gujránwála ...	†	†	†	16	16	10	21	20	11	20	20	8
Shahpur ...	24	24	6	20	20	6	24	24	13	16	16	8
Jhelum ...	‡	†	†	‡	‡	‡	20	19	11	25	23	8
Ráwalpindi ...	‡	‡	‡	11	11	10	19	19	10	23	23	16
Hazára ...	†	†	†	§	§	§	15	15	10	21	[illegible]	10
Peshawar ...	†	†	†	16	16	10	16	14	10	26	25	12
Kohát ...	†	†	†	§	§	§	15	15	13	21	21	14
Bannu ...	13	13	8	7	7	8	22	21	14	48	38	14
D. I. Khan ...	§	§	§	‡	4	4	21	22	13	‡	30	8
D. G. Khan ...	§	§	§	§	§	§	16	16	11	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	17	17	12	§	§	§

† Not pro
‡ Not sold.
§ Not pro
(a) Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JUNE 1898—continued.

12			13			1
THE ORDINARY SEER OF 80 TOLAS.						
Arhur or Thur, Cadjan Pea (Cajanus Indicus).			*Firewood.*			
Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
†	†	†	100	100	100	Hissar.
10	10	10	100	100	120	Rohtak.
16	16	11	140	120	140	Gurgaon.
...	19	11	...	90	100	Delhi. (a)
14	15	8	160	160	160	Karnál.
§	§	§	150	150	150	Umballa.
8	8	7	60	65	80	Simla.
12	12	7	100	100	100	Kángra.
8	8	8	110	110	130	Hoshiárpur.
§	§	§	100	100	110	Jullundur.
9	10	7	100	110	110	Ludhiána.
7	7	7	90	90	100	Ferozepore.
†	†	†	80	80	110	Mooltan.
8	4	7	160	160	160	Jhang.
§	§	6	250	250	310	Montgomery.
10	9	7	90	95	100	Lahore.
‡	‡	§	100	90	110	Amritsar.
§	§	§	100	100	120	Gurdáspur.
§	§	§	130	130	130	Siálkot.
†	†	†	140	140	110	Gujrát.
‡	‡	†	95	90	95	Gujránwála.
†	†	†	160	160	160	Shahpur.
‡	†	†	120	120	120	Jhelum.
‡	‡	14	65	65	80	Ráwalpindi.
†	†	†	81	81	81	Hazára.
10	11	12	58	56	83	Pesháwar.
†	†	†	77	102	128	Kohát.
5	5	7	70	70	74	Bannu.
‡	6	5	125	125	125	D. I. Khan.
§	§	§	100	100	100	D. G. Khan.
6	6	§	140	140	140	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Gram.—Prices average 20 seers as compared with 20 seers in last fortnight and 11 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Hissar ...	11	26	26
Ferozepore ...	11	23	23
Amritsar ...	10	21	22
Shahpur ...	13	24	24
Bannu ...	14	21	22
D. I. Khan ...	13	22	21

Maize.—Prices average 23 seers as compared with 23 seers in last fortnight and 10 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Umballa ...	12	28	28
Ludhiána ...	11	27	28
Lahore ...	8	28	27
Jhelum ...	8	23	25
Bannu ...	14	38	48

duced.

curable.
not received.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt.					
	Present fortnight ending 15th June 1898.		Past fortnight ending 31st May 1898		Corresponding [illegible]night of 1897.	
DISTRICTS.	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 4	11 0	11 4	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi (a)	...	...	11 12	11 8	12 0	11 0
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 8
Simla	8 8	8 0	9 0	8 8	10 0	9 0
Kángra	*	10 0	*	10 0	*	11 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	12 0	13 0	12 0	13 4	12 8
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	12 12	12 4	12 12	12 4	‡	12 8
Jhang	12 4	12 0	12 4	12 0	13 0	12 8
Montgomery	12 12	12 8	12 12	12 8	12 12	12 8
Lahore	13 10	12 10	13 10	12 10	13 8	12 14
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 12
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	14 0	13 8	14 0	13 8	12 14	12 12
Shahpur	13 8	13 0	13 8	13 0	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	13 12	14 0	13 12	13 14	13 12
Hazára	*	11 8	*	11 8	*	11 8
Pesháwar	16 0	15 0	15 0	14 0	17 0	16 0
Kohát	18 3	15 15	18 3	15 12	20 6	18 0
Bannu	22 8	20 0	22 8	20 0	21 0	20 0
D. I. Khan	14 4	14 0	14 8	14 0	16 4	15 8
D. G. Khan	12 8	11 4	12 8	11 4	14 2	13 2
Muzaffargarh	*	11 12	*	12 0	12 0	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro
(a) Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JUNE 1898—concluded.

15			16			1	
THE ORDINARY SEER OF 80 TOLAS.							
Gur.			*Cotton (unginned).*				
Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1857.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs. C	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.		
9 8	9 8	9 0	7 8	7 8	7 0	Hissar.	
11 0	12 0	12 0	9 0	9 0	9 0	Rohtak.	
10 8	10 8	10 8	9 0	9 0	9 0	Gurgaon.	
..	9 0	9 0	...	9 8	9 0	Delhi. (*a*)	
11 0	11 0	11 0	11 0	11 0	10 0	Karnál.	
8 8	9 0	10 0	10 0	10 0	9 0	Umballa.	
6 8	7 0	7 0	†	†	†	Simla.	
7 0	7 0	6 0	6 0	6 0	6 0	Kángra.	
7 8	7 8	9 0	9 0	9 0	8 0	Hoshiárpur.	
8 0	9 0	8 0	11 0	11 0	9 8	Jullundur.	
7 8	7 0	7 0	8 0	8 0	7 8	Ludhiána.	
7 12	7 12	8 12	8 4	8 12	7 12	Ferozepore.	
7 8	7 8	7 4	9 0	9 0	7 0	Mooltan.	
8 0	8 8	8 8	10 0	11 0	8 0	Jhang.	
8 8	8 8	8 4	10 0	10 0	8 0	Montgomery.	
7 10	8 2	9 0	9 8	9 8	7 12	Lahore.	
8 0	8 8	9 8	9 12	9 12	8 4	Amritsar.	
9 0	9 0	10 0	9 0	9 0	8 0	Gurdáspur.	
8 0	8 0	9 8	8 0	8 0	8 0	Siálkot.	
8 0	8 0	8 8	9 0	9 0	8 0	Gujrát.	
8 4	8 8	9 0	10 0	10 0	9 0	Gujránwála.	
8 0	8 0	8 8	9 0	9 0	10 0	Shahpur.	
8 8	8 8	9 12	‡	‡	‡	Jhelum.	
8 4	8 4	9 4	8 12	8 12	8 12	Ráwalpindi.	
7 0	7 0	7 0	§	§	§	Hazára.	
6 10	6 12	7 8	8 12	9 0	9 10	Pesháwar.	
7 11	7 11	8 7	11 8	11 8	11 8	Kohát.	
11 14	11 14	12 8	8 12	8 12	10 0	Bannu.	
8 12	9 2	10 0	14 0	14 0	10 0	D. I. Khan.	
6 4	6 4	6 9	11 4	11 4	§	D. G. Khan.	
7 8	8 0	8 8	11 0	11 0	8 0	Muzaffargarh.	

sale salt sold.
duced.

curable.
not received.

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS

1	2	3	4	5	6	7	8	9	10	11	12
	WHOLESALE PRICE PER MAUND OF 82$\frac{2}{7}$ lbs.										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi											Statement
Ferozepore ...	2 0 0	5 11 5	2 5 8	1 0 10	2 3 7	2 3 7	1 10 8	1 11 2	5 11 5	4 7 1	4 14 [illegible]
Mooltan	1 11 9	2 12 1	2 12 11	1 13 0	2 5 7	1 14 6	2 1 8	2 1 8	...	4 3 4	3 10 2
Lahore	2 6 9	4 5 8	2 5 9	1 4 8	2 4 9	2 6 3	1 6 6	1 14 0	3 14 5	3 6 4	3 3 8
Amritsar	2 6 9	4 7 1	2 4 7	1 9 7	2 4 7	...	...	1 12 5	...	3 1 3	3 3 2
Ráwalpindi ...	1 7 6	5 5 1	2 9 0	1 6 9	1 13 0	1 14 6	1 11 9	2 1 6	4 4 0	3 4 0	3 12 6

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JUNE 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
OR 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.
not received.													
5 11 5	5 0 0	5 0 0	12 12 9	36 0 0	2 14 0	5 0 0	11 6 10	42 8 0	0 5 3	0 4 0	...	75 0 0	50
6 10 8	5 0 0	11 13 0	11 2 7	37 10 3	3 6 3	10 0 0	13 5 4	...	0 5 4	0 6 4	0 10 8	70 0 0	50
4 11 3	4 11 3	5 1 3	12 8 9	35 8 11	2 9 0	5 11 5	12 4 11	32 8 0	1 0 0	0 6 9	...	105 0 0	100
4 0 0	4 13 7	4 13 7	12 4 11	...	2 6 9	...	11 6 10	...	...	0 6 1	...	...	...
5 0 0	4 0 0	4 10 0	13 5 4	30 0 0	2 13 9	4 0 0	11 14 0	32 0 0	0 8 0	0 6 9	0 10 8	60 0 0	60

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

MONTHLY RAINFALL OF PHIDDA (FEROZEPORE DISTRICT) IN THE PUNJAB FOR THE MONTH OF MAY 1898

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab South.	Ferozepore.	Phidda ...	...	...	...	...	...	...	...	...	...	...	0·40	...	...	...	...	...	...	...	...	...	...

RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO PUNJAB GAZETTE DATED 23RD JUNE 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st May 1898.	Average rainfall from 1st October up to 31st May 1898.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	1	?	0·40	?	0·40	2·40	?	Phidda ...	Ferozepore.	Punjab South.

P. D. SHROFF, *Supdt.*,
Office of Director of Land Records and Agriculture, Punjab.

PUBLIC WORKS DEPARTMENT,

Irrigation Operations of Fasl Kharif

Canals.	Water distributed during May 1898. Depth in Canal at regulating gauge. Full supply.	Water distributed during May 1898. Depth in Canal at regulating gauge. Actual throughout.	Water distributed during May 1898. Gross consumption, cubic feet per second. Designed full supply.	Water distributed during May 1898. Gross consumption, cubic feet per second. Actual average throughout.
1	2	3	4	5
MAJOR IRRIGATION WORKS.				
SWAT RIVER CANAL	6·00	4·40	700	459
Total ...	...	...	700	459
WESTERN JUMNA CANAL. At Dádupur	...	3·30	5,000	1,970
Main Line, Major Distributaries	...	...	...	128
Sirsa Branch	...	...	...	639
Delhi Branch	...	...	...	422
Hánsi Branch	...	...	...	684
Loss in Main Line	...	...	...	96
Total utilized ...	...	...	...	1,969
Escapage (including Canal Tail)	...	...	...	1
Total ...	...	...	5,000	1,970
BARI DOAB CANAL. Main Canal (Head Gauge, Rapid No. 2)	...	3·16	...	2,885
Salampur Feeder	...	3·28	...	1,052
Total entering Canal ...	...	...	5,000	3,937
Kasur Branch Lower at Tarsika	5·50	4·31	615	428
Sobraon Branch at Gagarbhana	4·00	3·00	529	344
Main Line and Main Branch Upper Distributaries ...	...	...	...	392
Main Branch Lower	4·30	3·62	2,050	1,751
Lahore Branch	3·20	2·23	1,197	731
Absorption in Main Channels	...	...	...	276
Total utilized ...	...	...	...	3,922
Escapage	...	...	...	15
Total ...	...	...	5,000	3,937
SIRHIND CANAL. Main Line	9·43	7·80	6,000	4,533
Abohar Branch	6·12	5·10	2,052	[illegible],521
Bhatinda Branch	6·13	4·49	1,788	1,007
Feeders	9·30	7·60	2,160	1,534
Loss in Main Line	...	...	...	398
Total utilized ...	...	...	...	4,460
British Escapes	...	...	...	73
Total ...	...	...	6,000	4,533
Carried over ...	...	...	...	...

PUNJAB, IRRIGATION BRANCH.

of 1898 *up to* 31*st May* 1898.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* May 1898.	Area irrigated *to end of* May 1898.	Area irrigated *to end of* May 1897.	
6	7	8	9	10	11	12	13	14	15
Peshâwar ...	6,454	12	0·35	0·61	Sugarcane ...	166	1,822	1,819	Canal ran throughout the month.
					Rice ...	199	278	266	
					Cotton ...	1,968	2,599	1,209	
					Indigo ...	...	...	...	
					Maize ...	1	1	14	
					Jowár and chari.	24	26	51	
					Miscellaneous	1,009	1,728	1,314	
...	6,454	...	...	...	...	3,367	6,454	4,673	
Umballa ...	238	20	0·49	0·05	Sugarcane ...	24,108	67,936	59,110	Canal ran constantly. River supply very low, being only an average of 1,970 compared to 4,103 cusecs last year. Hence decrease in area.
Karnál ...	31,741		0·25	0·29	Rice ...	20	22	131	
Rohtak ...	37,455		0·54	1·24	Cotton ...	23,963	33,347	90,595	
Delhi ...	21,750		0·54	0·70	Indigo ...	8,083	8,905	20,340	
Hissar ...	29,706		2·90	1·45	Maize ...	3	4	65	
Jínd ...	6,689		0·37	0·50	Jowár and chari.	512	724	21,534	
Bikaner ...	...	...	...	...					
Kalsia ...	38	...	...	...	Miscellaneous	8,262	24,951	60,908	
Patiála ...	8,263	6	0·56	0·53					
...	135,889	...	...	...	...	64,95	135,889	252,683	
Gurdáspur ...	13,984	19	0·69	1·31	Sugarcane ...	10,980	25,566	27,281	Canal ran throughout the month. Short irrigation so far due to heavy rabi.
Amritsar ...	43,193		0·58	1·08	Rice ...	997	1,065	2,741	
Lahore ...	88,303		0·59	0·76	Cotton ...	32,046	39,699	65,910	
					Indigo ...	...	...	13	
					Maize ...	449	536	775	
					Jowár and chari.	9,949	11,518	17,626	
					Miscellaneous	42,915	67,096	85,253	
...	145,480	...	...	...	...	97,336	145,480	199,599	
Ludhiána ...	3,022	15	0·33	0·18	Sugarcane ...	4,057	7,080	5,782	Canal ran for 15 days. Supply in river very short; demand poor.
Ferozepore ...	10,367		0·42	0·20	Rice ...	...	1	2	
Hissar ...	20	...	...	...	Cotton ...	1,587	3,008	6,102	
Farídkot State	1,708	...	...	...	Indigo ...	407	535	397	
Patiála " ...	7,880	15	0·57	0·77	Maize ...	...	...	12	
Nábha " ...	1,092				Jowár and chari.	766	1,276	18,043	
Jínd " ...	923								
Kalsia " ...	171	...	...	...	Miscellaneous	3,790	13,283	41,366	
...	25,183	...	...	...	...	10,607	* 25,183	71,704	
...	313,006	...	...	...	...	176,261	313,006	528,659	

* Includes the following areas irrigated by Native States Branches, *viz.*—

	During May 1898.	To end of May 1898.	To end of May 1897.
Patiála State	5,468 acres.	6,643 acres.	12,679 acres.
Nábha "	333 "	515 "	1,062 "
Jínd "	230 "	915 "	1,768 "
Total ...	6,031 "	8,973 "	15,509 "

Irrigation Operations of Fasl Kharíf

Canals.	Water distributed during May 1898. Depth in Canal at regulating gauge. Full supply.	Actual throughout.	Gross consumption, cubic feet per second. Designed full supply.	Actual average throughout.
1	2	3	4	5
Brought forward ...	...	...	...	...
MAJOR IRRIGATION WORKS—concluded.				
Chenab Canal, Main Line ...	9·60	8·62	8,313	5,122
Kot Nikka Branch ...	5·00	...	324	210
Mián Ali Branch ...	6·15	7·10	805	782
Rakh Branch ...	5·90	5·30	1,122	1,037
Jhang Branch, Upper ...	9·00	7·58	1,088	1,456
Jhang Branch, Lower ...	7·00	4·40	1,160	532
Bhawána Branch ...	6·00	5·30	434	349
Gugera Branch (for construction only) ...	...	...	2,986	394
Distributaries of Main Line ...	...	...	394	239
Loss in Main Line ...	...	...	...	123
Total Main Line ...	...	...	...	5,122
Escapage ...	...	...	...	75
Total ...	...	...	8,313	5,047
Lower Sohag and Para Canal ...	7·00	1·30	1,800	107
Total ...	...	...	1,800	107
Sidhnai Canal ...	...	...	1,600	11
Subsidiary Canals ...	...	...	520	Dry.
Total ...	...	...	2,120	11
Abstract—Major Irrigation Works—				
Swat River Canal ...	...	...	700	[illegible]59
Western Jumna Canal ...	...	...	5,000	5,270
Bári Doáb Canal ...	...	...	5,000	3,937
Sirhind Canal ...	...	...	6,000	4,533
Chenab Canal ...	...	...	8,313	5,047
Lower Soháq and Pára Canal ...	...	...	1,800	107
Sidhnai Canal ...	...	...	2,120	11
Total ...	...	...	...	...

of 1898 *up to* 31*st May* 1898—continued.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* May 1898.	Area irrigated *to end of* May 1898.	Area irrigated *to end of* May 1897.	
6	7	8	9	10	11	12	13	14	15
...	313,006	...	...	...	...	176,261	313,006	528,659	
Gujránwála ...	49,17	...	...	1·12	Sugarcane ...	9,220	27,443	22,554	Canal ran throughout the month.
Jhang ...	105,741	...	...	0·52	Rice ...	446	518	341	
					Cotton ...	55,983	93,086	91,666	
					Indigo ...	...	...	...	
					Maize ...	11	13	6	
					Jowár and chari.	5,529	8,113	4,305	
					Miscellaneous	11,663	25,740	24,550	
...	154,913	...	...	...	...	* 82,852	154,913	143,422	
Montgomery	811	5	0·31	...	Sugarcane ...	9	9	168	Short irrigation due to heavy rabi and low river.
					Rice ...	...	...	401	
					Cotton ...	433	433	6,728	
					Indigo ...	...	...	..	
					Maize ..	...	...	...	
					Jowár and chari.	51	51	...	
					Miscellaneous	318	318	2,996	
...	811	...	...	...	...	811	811	10,293	
Mooltan ...	5,078	36	0·18	...	Sugarcane ...	...	...	29	
					Rice ...	...	...	21	
					Cotton ...	...	...	3,152	
					Indigo ...	...	...	45	
					Maize ...	..	...	1	
					Jowár and chari.	...	...	15	
					Miscellaneous	1,226	5,078	3,311	
...	5,078	...	...	...	...	1,226	5,078	36,104	
...	6,454	...	...	...	...	3,367	6,454	4,673	
...	135,8?9	...	...	...	...	64,951	135,889	252,683	
...	145,480	...	...	...	...	97,336	145,480	199,599	
...	25,183	...	...	...	...	10,607	25,183	71,7?4	
...	154,913	...	...	...	...	82,852	154,913	143,422	
...	811	...	...	...	...	811	811	10,293	
...	5,078	...	...	...	...	1,22?	5,078	36,104	
...	473,808	...	...	...	...	251,150	473,808	718,478	

* Of this, 49,557 acres are free of charge.

Irrigation Operations of Fasl Kharíf

Canals.	Water distributed during May 1898. Depth in Canal at regulating gauge. Full supply.	Actual throughout.	Gross consumption, cubic feet per second. Designed full supply.	Actual average throughout.
1	2	3	4	5
Total Major Irrigation Works brought forward ...	...	...	...	
MINOR IRRIGATION WORKS.				
Upper Sutlej Canals. — Katora Canal	7·00	4·30	4,000 (Katora, Khânwah and Upper Sohâg together)	317
Upper Sutlej Canals. — Khânwah ,, ...	7·00	0·60		117
Upper Sutlej Canals. — Upper Sohâg ,, ...	7·00	3·00		304
Total ...	...	...	4,000	738
Shahpur Canals (Imperial). — Eastern Station Canal	6·00	Dry.	350	Dry.
Shahpur Canals (Imperial). — Western ,, ,, ...	6·00	3·60	200	89
Shahpur Canals (Imperial). — Sáhiwál Canal	8·00	3·70	600	164
Total ...	...	...	1,150	253
Lower Sutlej and Chenab Canals	...	...	...	1,385
Indus Canals	...	...	...	1,101
Muzaffargarh Canals	...	...	...	2,240
Ghaggar Canals. — Northern Canal Head	7·00	...	566	...
Ghaggar Canals. — Southern Canal Head	6·50	...	434	...
Ghaggar Canals. — Minor Channels	...	...	100	...
Total discharge ...	...	...	1,100	...
Bikaner Border.				
Ghaggar Canals. — Northern Canal	6·00	...	283	...
Ghaggar Canals. — Southern Canal	5·00	...	217	...
Total Bikaner ...	...	...	500	...
Ghaggar Canals. — Utilized British Territory	...	...	600	...
Total ...	...	...	1,100	...
Abstract—Minor Irrigation Works—				
Upper Sutlej Canals	...	...	4,000	738
Shahpur Canals (Imperial)	...	...	1,150	253
Lower Sutlej and Chenab Canals ...	...	...	...	1,385
Indus Canals	...	...	...	1,101
Muzaffargarh Canals	...	...	...	2,240
Ghaggar Canals	...	...	1,100	...
Total ...	...	...	...	...
Shahpur Canals (Provincial). — Raniwah West Canal	7·00	3·40	520	128
Shahpur Canals (Provincial). — ,, East ,, ...	7·00	3·00	300	89
Shahpur Canals (Provincial). — Corbynwah Canal	5·00	2·00	113	23
Total ...	...	...	933	248
Total Major Irrigation Works	...	...	...	...
Total Minor Irrigation Works	...	...	...	...
Total Major & Minor Irrigation Works (Imperial)	...	...	...	...
Shahpur Canals (Provincial)	...	...	...	...
GRAND TOTAL	...	...	...	...

LAHORE:
The 27th June 1898.

of 1898 *up to* 31*st May* 1898—concluded.

LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				REMARKS.
Zillah.	Acres.	Number of years on which average is struck.	Average	During month.	Name.	Area irrigated *during* May 1898.	Area irrigated *to end of* May 1898.	Area irrigated *to end of* May 1897.	
6	7	8	9	10	11	12	13	14	15
...	473,808	...	...	...	...	261,150	473,808	718,478	
					Sugarcane ...	18	18	100	Short irrigation due to heavy rabi and low river.
Lahore ...	2,520	5	0·41	0·43	Rice ...	95	95	814	
					Cotton ...	1,908	1,908	10,114	
Montgomery	2,200	...	...	...	Indigo ...	...	...	...	
					Maize ...	...	...	...	
					Jowár & chari	271	271	...	
					Miscellaneous	2,437	2,437	6,109	
...	4,729	...	...	...	...	4,729	4,729	17,137	
					Sugarcane ...	42	42	18	
					Rice ...	...	...	...	
					Cotton ...	1,730	1,730	8,069	
Shahpur ...	2,192	...	...	1·67	Indigo ...	...	...	...	
					Maize ...	1	1	...	
					Jowár & chari	36	36	186	
					Miscellaneous	383	383	3,727	
...	2,192	...	...	...	...	2,102	2,192	12,000	
Mooltan ...	21,711	36	0·34	0·08	...	21,574	21,711	50,878	
D. G. Khan ...	8,360	10	0·4	0·53	...	7,688	8,360	7,529	
Muzaffargarh	26,809	5	...	...	...	24,532	26,809	36,610	
Hissar ...	451	...	...	...	Sugarcane ...	...	...	...	Lake dry.
Bikaner State	613	...	...	...	Rice ...	...	...	...	
					Cotton ...	...	39	...	
					Indigo ...	...	...	...	
					Maize ...	...	634	...	
					Jowár & chari	...	21	...	
					Miscellaneous	...	370	...	
...	1,064	...		...	...	...	1,064	...	
...	4,729	...	...	...	...	4,729	4,729	17,137	
...	2,192	...	...	...	...	2,192	2,192	12,000	
...	21,711	...	...	...	...	21,574	21,711	50,878	
...	8,360	...	...	...	...	7,688	8,360	7,529	
...	26,809	...	...	...	...	24,532	26,809	36,610	
...	1,064	...	...	...	...	...	1,064	...	
...	64,865	...	...	...	...	60,715	64,865	124,154	
Shahpur ...	3,062	...	...	...	Sugarcane ...	27	86	46	
					Cotton ..	317	361	1,424	
					Maize ..	4	6	3	
					Jowár & chari	24	31	195	
					Miscellaneous	1,488	2,578	6,634	
...	3,062	...	...	...	...	1,860	3,062	8,303	
...	473,808	...	...	...	...	261,150	473,808	718,478	
...	64,865	...	...	...	...	60,715	64,865	124,154	
...	538,673	...	...	...	...	321,865	538,673	842,632	
...	3,062	...	...	...	...	1,860	3,062	8,303	
...	541,735	...	...	...	...	323,725	541,735	850,935	

L. M. JACOB,
Under-Secretary to Government, Punjab,
P. W. D., Irrigation Branch.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 11TH JUNE 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	5	4	9	21	9	12	...	...	...	4	1	...	16	5	3	8	28	65	1
2		Hansi ...	15,190	1	5	6	11	7	4	...	...	...	5	2	...	4	2	2	4	21	38	2
3		Bhiwani ...	35,487	7	7	14	17	10	7	...	...	...	9	...	...	8	2	3	5	21	25	3
4		Sirsa ...	16,415	4	2	6	21	12	9	...	...	...	8	2	.	11	2	2	4	19	67	4
5	Rohtak ...	Rohtak ...	16,191	4	2	6	11	5	6	...		..	3	...	..	8	2	1	3	19	35	5
6		Jhajjar ...	11,881	4	1	5	8	4	4	-		...	5	1	...	2	1	1	2	22	35	6
7	Gurgaon ...	Rewari ...	27,934	1	7	8	13	3	10	...	...	...	7	2	...	4	1	1	2	15	24	7
8		Palwal ...	11,227	...	...	...	6	5	1	..	...	...	5	..	...	1	1	...	1	...	28	8
9	Delhi ...	Delhi ...	189,648	41	55	96	157	73	84	...		4	90	8	...	55	17	21	38	26	43	9
10		Sonepat ...	12,611	3	3	6	4	2	2	...	...	...	3	...	...	1	1	1	2	25	17	10
11	Karnal ...	Karnal ...	21,530	11	6	17	39	17	22	...	...	1	15	...	...	23	9	6	15	41	94	11
12		Kaithal ...	15,768	4	7	11	15	8	7	...	...	2	3	2	...	8	6	5	11	36	50	12
13		Panipat ...	27,547	7	7	14	30	21	9	...	...	...	12	2	..	16	4	1	5	27	57	13
14		Shahabad ...	11,473	1	5	6	7	1	6	...	...	...	4	...	...	3	1	3	4	27	32	14
15	Umballa ...	Umballa ...	26,856	8	9	17	16	7	9	...	...		10	...	...	6	2	3	5	33	31	15
16		Jagadhri ...	13,029	3	2	5	6	5	1	...	...	...	5	...	...	1	1	...	1	20	24	16
17		Sadhaura ...	10,445	3	1	4	9	4	5	...	...	...	1	1	...	7	...	...	...	20	45	17
18	Hoshiarpur	Hoshiarpur ...	17,546	4	...	4	23	16	7	...		...	14	...	...	9	2	4	6	12	68	18
19		Tanda and Urmar	11,632	5	2	7	14	9	5	...	.	...	10	...	...	4	1	1	2	31	63	19
20	Jullundur ...	Jullundur ...	50,375	14	8	22	32	18	14	..		...	20	2	.	10	4	4	8	23	33	20
21		Rahon ...	10,667	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	5	21
22		Kartarpur ...	10,441	4	2	6	11	5	6	...	...	...	8	1	...	2	2	2	4	30	55	22
23	Ludhiana ...	Ludhiana ...	46,024	6	3	9	30	16	14	..	...	...	14	2	...	14	1	...	1	10	34	23
24		Jagraon ...	18,116	7	7	14	11	4	7	..		...	8	...	...	3	...	2	2	[illegible]	32	24
25	Ferozepore ...	Ferozepore ...	25,337	8	6	14	23	14	9			...	16	1	...	6	1	3	4	29	47	25
26	Mooltan ...	Mooltan ...	64,26[illegible]	12	12	24	35	22	13	..		..	17	2	...	16	7	2	9	19	28	26
27	Jhang ...	Maghiana ...	Returns not received.																			27
28		Chiniot																				28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ..	159,597	35	22	57	126	69	57	..	...	...	63	4	3	50	15	13	28	19	41	29
30		Kasur ...	20,290	6	5	11	15	10	5	..	...	1	6	...	...	8	3	2	5	28	39	30
31		Chunian ...	10,339	4	1	5	10	6	4	..	...	...	6	...	...	4	3	1	4	25	50	31
32	Amritsar ...	Amritsar ...	135,401	31	25	56	159	71	88	..	...	...	88	2	1	68	13	18	31	22	61	32
33	Gurdaspur ...	Batala ...	Return not received.																			33
34	Sialkot ...	Sialkot ...	33,965	19	12	31	2[illegible]	13	10	..	...	1	9	...	...	13	5	1	6	48	35	34
35	Gujrat ...	Gujrat ...	17,671	5	7	1[illegible]	14	7	7	..	...	...	6	...	...	8	1	1	2	35	41	35
36		Jalalpur ...	11,065	4	2	6	9	6	3	...	...	...	7	...	...	2	...	2	2	28	42	36
37	Gujranwala...	Gujranwala ...	25,892	9	7	16	17	11	6	..	...	...	10	...	1	6	2	2	4	32	34	37
38		Wazirabad ...	15,786	2	3	5	7	4	3	..	...	...	2	2	...	3	2	1	3	17	23	38
39	Shahpur ...	Bhera ...	17,428	3	5	8	10	3	7	..	..	...	4	1	1	4	1	1	2	24	30	39
40	Jhelum ...	Pind Dadan Khan	15,055	3	2	5	14	9	5	...	...	...	4	4	1	5	5	...	5	17	48	40
41	Rawalpindi ...	Rawalpindi ...	38,334	4	6	10	36	22	14	...	...	...	27	1	...	8	7	2	9	14	49	41
42	Peshawar ...	Peshawar ...	63,079	14	14	28	39	17	22	...	...	...	31	...	1	7	3	5	8	23	32	42
43	Kohat ...	Kohat ...	14,347	...	2	2	5	4	1				4	...	...	1	...	1	1	7	18	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	6	4	10	27	8	19	...	...	...	13	6	...	8	...	2	2	24	65	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	1	2	3	8	3	5	...	...	...	6	...	...	2	...	1	1	7	17	45
	Grand Total ...		1,358,210	313	282	595	1,090	561	529	..	...	9	582	49	8	442	135	124	259	23	42	
	Hill Sanitaria.																					
	Simla		13,279	2	2	4	11	7	4	...	...	...	4	...	...	7	2	1	3	16	43	
	Dharmsala		2,778	...	...	...	4	2	2	...	...	...	1	1	...	2	...	1	1	...	75	
	Dalhousie		Return not received																			
	Murree		1,459	2	1	3	2	1	1	...	...	...	2	...	...	...	1	...	1	107	71	

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 28th June 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 11TH JUNE 1898.

Births and Deaths in Municipal Towns.—In the 42 large Municipal towns 595 births were registered (313 males and 282 females), giving a birth-rate of 23 per *mille* of population; 1,090 deaths were registered (561 males and 529 females), giving a death-rate of 42 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGEON-LIEUT.-COLONEL,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 28th June 1898.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 11th June 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	18,769	14,922 6 0	1,33,280 30	15,711 10 0	75 0 0	30,709 0 0	7,073	4,566	11,639
Or per mile of Railway	...	91 15 7	...	96 13 6	0 7 5	189 4 6	...	...	...
For previous 22½ weeks of half-year	631,404	4,56,571 2 0	23,30,397 10	3,26,686 9 0	1,926 0 0	7,85,183 11 0	169,999	104,091	274,090
Total for 23½ weeks ...	650,173	4,71,493 8 0	24,63,678 0	3,42,398 3 0	2,001 0 0	8,15,892 11 0	177,072	108,657	285,729
COMPARISON.									
Total for corresponding week of previous year ...	19,622½	13,223 5 9	89,416 0	11,723 5 0	64 5 9	25,011 0 6	6,138	4,388	10,526
Per mile of Railway corresponding week of previous year.	...	82 6 5	...	73 0 11	0 6 5	155 13 9	...	...	...
Total for corresponding 23½ weeks of previous year ...	406,117	3,51,501 15 0	20,28,323 30	2,56,839 6 11	1,452 2 0	6,09,793 7 11	156,153	90,312	246,465

EAST INDIAN RAILWAY,
AUDIT OFFICE :
The 16th June 1898.

T. BASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore—30-6-98—690.

No. 27. of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JULY 7, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 5th JULY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Rabi (Spring).	Prospects of Kharif (Autumn).
1	Hissar ...	1·28 Bhiwáni ... 1·50 Hánsi. 0·65 Hissar. 0·32 Fatahabad.	1. Sufficient ... 2. Good.	Wheat 16 seers ... Bájra 23 seers. Gram 24 seers.	...	Rainfall benefited kharif sowings. More rain wanted.
2	Delhi ...	0·58 Sadr ...	1. Sufficient ... 2. Good.	Wheat 14½ seers... Gram 20½ seers. Bájra 21 seers.	Stocks sufficient ...	Autumn sowings have begun.
3	Umballa ...	2·81 Umballa ... 1·08 Jagádhri 1·73 Naráingarh. 0·70 Kharar. 3·22 Rúpar.	1. Sufficient ... 2. Good.	Wheat 19 seers ... Gram 20 to 21 seers. Maize 28 seers.	...	Autumn sowings commenced.
4	Jullundur ...	Rainfall throughout	1. Sufficient ... 2. Good.	Wheat 19½ seers Gram 21½ seers. Barley 26 seers.	Stocks sufficient ...	Sowings of moth and jowár commenced.
5	Ferozepore ...	2·86 Moga ... 2·38 Zíra. 2·83 Sadr. 2·20 City. 0·67 Muktsar. 0·86 Fázilka. 0·89 Nathána. 0·48 Jalálabad.	1. Sufficient ... 2. Fair.	Wheat 17 seers ... Gram 23 seers. Maize 24 seers. Jowár 18 seers. Bájra 18 seers. Barley 32 seers.	Stock of food-grain sufficient ...	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of	
					Rabi (Spring).	Kharif (Autumn).
6	Mooltan ...	0·21 Lodhrán ... 0·20 Mooltan. 1·60 Kabírwála.	2. Good ...	Wheat, 2nd quality, 17 seers.	...	Sidhnai Canal dry.
7	Lahore ...	0·73 Chunián ... 2·58 Kasúr. 2·58 Sharakpur. 1 99 Lahore.	1. Sufficient ... 2. Good.	Wheat 17 to 19 seers. Maize 17 to 17½ seers.	...	Crops generally good; prospects improved by recent rain.
8	Amritsar ...	0·60 average ...	1. Sufficient ... 2. Good.	Wheat 18¼ seers Maize 21 seers.	Food stock sufficient ...	More rain wanted. Crops in good condition. Rice sowings going on.
9	Siálkot ...	1·49 average ...	1. Sufficient ... 2. Good.	Wheat 16 to 17½ seers. Rice 9 to 10 seers.	...	Autumn weeding continued.
10	Shahpur ...	1·18 Bhera ... 1·75 Shahpur. 2·28 Khusháb.	1. Sufficient ...	Wheat 19 to 22 seers. Bájra 18 to 23 seers.	Spring crops outturn above average.	...
11	Ráwalpindi ...	0·19 Pindigheb ... 0·29 Fatehjang. 0·39 Attock. 1·30 Ráwalpindi. 0 95 Gujar Khan. 2·43 Kahúta, 1·30 Murree.	1. Sufficient ...	Wheat 16 seers ... Bájra 21 seers. Maize 22 seers.	Food stock sufficient ...	Autumn sowings in progress in parts.
12	Peshâwar ...	0·64 in average ...	1. Sufficient ... 2. Good.	Wheat 16 seers ... Maize $26\frac{13}{16}$ seers.	Food stock sufficient ...	Moth and chari being sown in parts Condition of standing crops good.
13	D. I. Khan ...	0·06 Sadr ... 0 09 Tánk. 0 10 Leiah.	1. Sufficient ... 2. Good.	Wheat 21¼ seers Bájra 26¼ seers.	Condition of extra spring crops good. Harvesting of wheat in progress; outturn average.	More rain wanted.

GENERAL REMARKS.

Rainfall.—Rain throughout the Province. About 2 inches fell in Lahore and Umballa, 1¾ inches in Shahpur, 1⅓ inches in Ferozepore, 1½ inches in Siálkot, 1¼ inches in Hissar, 1 inch in Ráwalpindi, about ⅜ or ½ of an inch in Mooltan and Delhi.

Prices—Have risen in Ferozepore, Lahore and Amritsar, fallen in Mooltan, Siálkot and Shahpur, and remained almost unchanged elsewhere. Wheat is selling from 14½ to 21½, gram 20 to 24, maize 17 to 28, barley 26 to 32, bulrush millet 18 to 26¼, great millet 18, and rice 9 to 10 seers per rupee.

Agricultural operations.—Harvesting of wheat still continues in Dera Ismail Khan. Sowing of autumn crops commenced. More rain wanted in Hissar and Dera Ismail Khan.

Crops and outturn.—Condition of standing crops good. Outturn of spring crops average in Shahpur and Dera Ismail Khan.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient throughout.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE DELHI DISTRICT OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JUNE 1898, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO PUNJAB GAZETTE DATED 30TH JUNE 1898.

QUANTITIES PER RUPEE BY THE ORDINARY SEER OF 80 TOLAS.

1	2			3			4			5			6			7			8			9			10		
District.	*Wheat.*			*Barley.*			*Rice (best sort).*			*Rice (common).*			*Jowár or Cholum (Sorghum vulgare).*			*Bájra or Cumbu (Pennisetum Typhoideum).*			*Mundwa, Marua or Kagi (Eleusine Corocana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sonaga (Cicer Arietinum).*		
	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Delhi ...	15	14	10	25	26	12	...	...	...	10	10	8	22	22	9	22	22	8	†	†	†	13	13	8	20	20	10

† Not produced.

QUANTITIES PER RUPEE BY THE ORDINARY SEER OF 80 TOLAS.

1	11			12			13			14						15			16			17
District.	*Maize (Zea Mays).*			*Arhur or Thur, Cadjan Pea (Cajanus Indicus).*			*Firewood.*			*Salt.*						*Gur.*			*Cotton (unginned).*			Remarks.
	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898. Wholesale.	Present fortnight ending 15th June 1898. Retail.	Past fortnight ending 31st May 1898. Wholesale.	Past fortnight ending 31st May 1898. Retail.	Corresponding fortnight of 1897. Wholesale.	Corresponding fortnight of 1897. Retail.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th June 1898.	Past fortnight ending 31st May 1898.	Corresponding fortnight of 1897.	
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C	Srs. C.	Srs. C.	Srs. C	Srs. C.	SrsC.	
Delhi ...	23	23	9	19	19	11	90	90	100	12 4	12 0	11 12	11 8	12 0	11 0	8 8	9 0	9 0	9 8	9 8	9 0	

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUARTER OF THE DELHI DISTRICT IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JUNE 1898, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO THE PUNJAB GAZETTE DATED 30TH JUNE 1898.

1	2	3	4	5	6	7	8	9	10	11	12
	WHOLESALE PRICE PER MAUND OF 82 2/7 lbs. OR 40 SEERS OF 80 TOLAS EACH.										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi ...	2 8 0	3 10 2	2 8 0	1 9 1	1 13 1	1 11 10	1 11 10	1 15 3	3 1 3	4 7 1	3 3 2

1	14	15	16	17	18	19	20	21	22	23	24	25	26
	WHOLESALE PRICE PER MAUND OF 82 2/7 lbs. OR 40 SEERS OF 80 TOLAS EACH.												
NAME OF DISTRICT.	Til (Jinjili seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
	Rs.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.	Rs.	Rs. A. P.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi ...	5	4 7 1	10 10 8	32	3 7 8	8	11 13 8	...	0 10 8	0 6 3	0 7 1	125 0 0	60 0 0

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF APRIL 1898.

Month.	Documents registered.			Total collections, inclusive of copying fees.	Total expenditure, inclusive of that paid out of copying fees.	Remarks.
	Compulsory.	Optional.				
		Relating to immoveable property.	Others.			
				Rs.	Rs.	
April 1898	6,737	1,890	636	26,170	9,106	
April 1897	7,689	3,001	690	29,649	9,558	
Difference ...	—952	—1,111	—54	—3,479	—452	

OFFICE OF INSPR.-GENL. OF REGTN., PUNJAB,
LAHORE:
The 15th June 1898.

G. C. WALKER,
Inspector-General of Registration, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 18TH JUNE 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	2	2	4	11	7	4	...	...	...	6	...	...	5	1	...	1	12	34	1
2		Hansi ...	15,190	4	4	8	12	7	5	...	...	...	8	...	...	4	1	1	2	27	41	2
3		Bhiwani ...	35,487	5	8	13	22	13	9	...	...	...	8	2	...	12	3	3	6	19	32	3
4		Sirsa ...	16,415	1	2	3	9	7	2	...	...	...	5	1	...	3	...	...	...	10	29	4
5	Rohtak ...	Rohtak ...	16,191	3	6	9	8	4	4	...	...	...	2	...	...	6	1	1	2	29	26	5
6		Jhajjar ...	11,881	2	2	4	2	...	2	...	...	...	...	...	...	2	...	2	2	18	9	6
7	Gurgaon ...	Rewari ...	27,934	4	4	8	11	6	5	...	...	...	4	1	2	4	1	...	1	15	21	7
8		Palwal ...	11,227	3	2	5	11	6	5	...	...	...	10	...	...	1	1	1	2	23	51	8
9	Delhi ...	Delhi ...	189,648	46	28	74	129	74	55	...	...	3	75	4	...	47	17	13	30	20	35	9
10		Sonepat ...	12,611	2	3	5	12	8	4	...	...	...	7	3	...	2	2	1	3	21	50	10
11	Karnal ...	Karnal ...	21,530	4	6	10	34	14	20	...	...	...	16	2	1	15	3	4	7	24	82	11
12		Kaithal ...	15,768	3	3	6	12	6	6	...	...	...	6	1	...	5	3	1	4	20	40	12
13		Panipat ...	27,547	7	8	15	34	13	21	...	...	...	19	3	...	12	1	5	6	28	64	13
14		Shahabad ...	11,473	2	3	5	2	...	2	...	...	...	1	...	...	1	...	...	...	23	9	14
15	Umballa ...	Umballa ...	26,856	9	4	13	12	9	3	...	...		3	1	...	8	4	2	6	25	23	15
16		Jagadhri ...	13,029	2	1	3	11	6	5	...	...	...	9	...	...	2	...	1	1	12	44	16
17		Sadhaura ...	10,445	1	1	2	4	3	1	...	...	...	...	1	...	3	...	...	...	10	20	17
18	Hoshiarpur	Hoshiarpur ...	17,546	4	4	8	7	1	6	...		...	2	1	...	4	...	2	2	24	21	18
19		Tanda and Urmar	11,632	3	7	10	6	5	1	...	.	1	4	...	...	1	...	...	...	45	27	19
20	Jullundur ...	Jullundur ...	50,375	19	16	35	33	21	12	...	...	1	19	5	...	8	5	2	7	36	34	20
21		Rahon ...	10,667	3	...	3	3	2	1	...	...	...	...	...	...	3	1	...	1	15	15	21
22		Kartarpur ...	10,441	...	2	2	2	2	...	...	...	...	2	...	...	...	...	...	...	10	10	22
23	Ludhiana ...	Ludhiana ...	46,024	13	10	23	32	19	13	...	...	...	10	5	...	17	5	3	8	26	30	23
24		Jagraon ...	18,116	2	3	5	6	4	2	...	...	...	4	...	...	2	...	...	...	14	17	24
25	Ferozepore ...	Ferozépore ...	25,337	3	1	4	11	7	4	...	...	...	9	...	...	2	2	3	5	8	23	25
26	Mooltan ...	Mooltan ...	64,265	13	12	25	35	21	14	...	...	...	17	...	1	17	5	3	8	20	28	26
27	Jhang ...	Maghiana ...	13,866	5	4	9	15	9	6	...	...	...	2	...	...	13	3	1	4	34	56	27
28		Chiniot ...	13,476	6	3	9	25	13	12	...	...	...	6	...	...	10	2	3	5	35	07	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	DISTRICTS.	TOWNS.	Population according to the Census of 1891.	BIRTHS. Males.	BIRTHS. Females.	BIRTHS. Total.	DEATHS. Total.	DEATHS. Males.	DEATHS. Females.	CAUSE OF DEATH. Cholera.	CAUSE OF DEATH. Plague.	CAUSE OF DEATH. Small-pox.	CAUSE OF DEATH. Fever.	CAUSE OF DEATH. Dysentery and Diarrhœa.	CAUSE OF DEATH. Injuries.	CAUSE OF DEATH. All other causes.	INFANTS UNDER ONE YEAR OF AGE. Males.	INFANTS UNDER ONE YEAR OF AGE. Females.	INFANTS UNDER ONE YEAR OF AGE. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	41	38	79	131	69	6[illegible]	...	...	...	76	7	2	46	15	16	31	26	43	29
30		Kasur ...	20,290	9	6	15	17	7	10	...	...	1	8	1	...	7	3	3	6	39	44	30
31		Chunian ...	10,339	4	3	7	10	3	7	...	...	...	2	...	...	8	1	3	4	35	50	31
32	Amritsar ...	Amritsar ...	135,401	33	34	67	148	78	7[illegible]	...	...	...	80	2	3	63	16	10	26	26	57	32
33	Gurdaspur ...	Batala ...	27,223	8	7	15	15	7	8	...	...	...	8	2	...	5	2	2	4	29	29	33
34	Sialkot ...	Sialkot ...	33,965	15	13	28	28	16	12	...	...	...	9	2	...	17	8	3	11	43	43	34
35	Gujrat ...	Gujrat ...	17,671	5	3	8	19	9	1[illegible]	...	...	...	11	...	...	8	1	...	1	24	56	35
36		Jalalpur ...	11,065	5	1	6	10	6	4	...	...	...	4	...	1	5	...	2	2	28	47	36
37	Gujranwala...	Gujranwala ...	25,892	12	10	22	9	4	5	...	...	...	6	1	...	[illegible]	...	2	2	44	18	37
38		Wazirabad ...	15,786	7	5	12	16	8	8	...	...	...	7	...	...	9	5	1	6	40	53	38
39	Shahpur ...	Bhera ...	17,428	4	1	5	12	4	8	...	...	1	2	1	...	8	...	3	3	15	36	39
40	Jhelum ...	Pind Dadan Khan	15,055	3	2	5	10	6	4	...	...	2	6	...	...	2	...	...	...	17	35	40
41	Rawalpindi ...	Rawalpindi ...	38,334	5	4	9	26	15	11	...	...	...	21	2	...	3	2	5	7	12	35	41
42	Peshawar ...	Peshawar ...	63,079	21	13	34	52	23	29	...	...	...	37	1	1	13	8	7	15	28	43	42
43	Kohat ...	Kohat ...	14,347	...	1	1	2	2	...	...	...	...	2	...	...	...	...	...	...	4	7	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	4	...	4	28	16	12	...	...	...	20	...	...	8	5	5	10	10	68	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	...	...	...	17	8	9	...	...	1	7	2	...	7	1	...	1	...	37	45
	GRAND TOTAL ...		1,412,775	347	290	637	1,061	568	493	...	...	10	560	51	11	429	128	114	242	24	39	
	Hill Sanitaria.																					
	Simla		13,279	5	3	8	14	8	6	...	...	...	4	...	...	10	2	1	3	31	55	
	Dharmsala		2,778	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Dalhousie		807	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	65	...	
	Murree		1,459	...	..	...	1	1	...	...	...	...	1	...	..	...	...	...	...	...	36	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 5th July 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 18TH JUNE 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 637 births were registered (347 males and 290 females), giving a birth-rate of 24 per *mille* of population; 1,061 death were registered (568 males and 493 females), giving a death-rate of 39 per *mille* of population. [Ther was one death registered from plague in the Jullundur District during the week.]

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGEON-LIEUT.-COLONEL,
Sanitary Commissioner, Punjab

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 5th July 1898.

NORTH-WESTERN RAILWAY.

Abstract of Principal Commodities carried over the North-Western Railway during the month of April 1898 *as compared with the same month of the previous year.*

No.	Staples.		1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
			No.	No.	No.	No.	
1	Animals	...	3,815	4,244	429	...	
			Tons.	Tons.	Tons.	Tons.	
2	Coal and coke	...	2,925	2,545	...	380	
3	Cotton, raw	...	6,446	6,840	394	...	
4	Cotton, manufactured—						
	(1) Twist and yarn, European	...	230	260	30	...	
	(2) Twist and yarn, Indian	...	163	356	193	...	
	(3) Piece-goods, European	...	2,149	2,516	367	...	
	(4) Piece-goods, Indian	...	1,370	1,836	466	...	
5	Drugs and chemicals—						
	(1) Intoxicating other than opium	...	29	70	41	...	
	(2) Non-intoxicating—						
	(a) Cinchona bark	...	...	...	...	...	
	(b) Others	...	725	1,029	304	...	
6	Dyes and tans—						
	(1) Indigo	...	79	163	84	...	
	(2) Myrabolams	...	26	36	10	...	
	(3) Cutch	...	3	3	...	...	
	(4) Turmeric	...	356	641	285	...	
	(5) Alizarine and aniline dyes	...	66	86	20	...	
	(6) Others	...	358	486	128	...	
7	Grain and pulse—						
	(1) Wheat	...	11,144	33,830	22,686	...	
	(2) Rice in the husk	...	1,182	1,210	28	...	
	(3) Rice not in the husk	...	7,271	9,018	1,747	...	
	(4) Jowár and bájra	...	10,882	4,428	...	6,454	
	(5) Gram and pulse	...	7,213	6,617	...	596	
	(6) Others	...	781	992	211	...	
8	Hides and skins—						
	(1) Hides of cattle—						
	(a) Dressed or tanned	...	655	187	...	468	
	(b) Raw	...	858	789	...	69	
	(2) Skins of sheep, &c.—						
	(a) Dressed or tanned	...	29	4	...	25	
	(b) Raw	...	444	608	164	...	
9	Horns	...	67	33	...	34	
10	Jute—						
	(1) Raw	...	18	8	...	10	
	(2) Gunny bags and cloth	...	1,700	3,012	1,312	...	
11	Lac—						
	(1) Stick	...	...	4	4	...	
	(2) Shell	...	10	22	12	...	
12	Leather, manufactured	...	153	141	...	12	
13	Liquors—						
	(1) Beer	...	676	971	295	...	
	(2) Spirits	...	73	54	...	19	
	(3) Wines	...	278	334	56	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
14	Metals—					
	(1) Copper, unwrought ...	13	19	6	...	
	(2) Brass, unwrought ...	25	67	42	...	
	(3) Copper, wrought ...	32	85	53	...	
	(4) Brass, wrought ...	171	158	...	13	
	(5) Iron ...	2,511	2,922	411	...	
	(6) Others ...	460	168	...	292	
15	Oils—					
	(1) Kerosine ...	845	782	...	63	
	(2) Castor ...	16	20	4	...	
	(3) Cocoanut oil ...	14	19	5	...	
	(4) Others ...	250	315	65	...	
16	Oil-seeds—					
	(1) Linseed ...	15	163	148	...	
	(2) Rape and mustard ...	3 244	12,282	9,038	...	
	(3) Til or jinjili ...	1,611	1,294	...	317	
	(4) Poppy ...	235	130	...	105	
	(5) Earthnut ...	3	2	...	1	
	(6) Castor ...	...	1	1	...	
	(7) Cotton seed ...	2,067	2,686	619	...	
	(8) Others ...	886	2,953	2,067	...	
17	Opium ...	11	13	2	...	
18	Paper and paste-boards ...	214	273	59	...	
19	Provisions—					
	(1) Ghi ...	1,105	839	...	266	
	(2) Dried fruits ...	1,273	944	...	329	
	(3) Atta ...	2,459	2,493	34	...	
	(4) Others ...	1,635	1,796	161	...	
20	Railway Materials for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders ...	...	15	15	...	
	(2) Carriages and Trucks ...	...	...	...	...	
	(3) Materials for construction—					
	(a) Wooden sleepers ...	3,965	...	...	3,965	
	(b) Other sorts ...	1,279	2,917	1,638	...	
21	Salt ...	7,767	7,178	...	589	
22	Saltpetre, &c.—					
	(1) Saltpetre ...	257	211	...	46	
	(2) Other saline substances ...	539	605	66	...	
23	Silk, raw—					
	(1) Foreign ...	17	23	6	...	
	(2) Indian ...	5	5	...	...	
24	Silk piece-goods—					
	(1) Foreign ...	1	2	1	...	
	(2) Indian ...	3	8	5	...	
25	Spices—					
	(1) Betelnut ...	40	25	...	15	
	(2) Pepper ...	86	52	...	34	
	(3) Ginger ...	64	59	...	5	
	(4) Chillies ...	308	183	...	125	
	(5) Cardamums ...	21	17	...	4	
	(6) Others ...	196	257	61	...	
26	Stone and lime ...	5,394	14,606	9,212	...	
27	Sugar—					
	(1) Refined ...	7,225	6,130	...	1,095	
	(2) Unrefined ...	14,014	15,341	1,327	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
28	Tea—					
	(1) Foreign ...	63	92	29	...	
	(2) Indian ...	82	439	357	...	
29	Timber ...	5,611	5,090	...	521	
30	Tobacco—					
	(1) Unmanufactured ...	654	624	...	30	
	(2) Manufactured—					
	(a) Cigars ...	16	12	...	...	
	(b) Others ...	77	121	44	4	
31	Wool, raw ...	1,158	1,195	37	...	
32	Wool, manufactured—					
	(1) Piece-goods, European ...	35	36	1	...	
	(2) Piece-goods, Indian ...	105	101	...	4	
	(3) Shawls ...	...	...	...	...	
33	All other articles of merchandise—					
	(1) Firewood ...	4,482	4,626	144	...	
	(2) Manures ...	3,917	2,831	...	1,086	
	(3) Fodder ...	2,308	3,681	1,373	...	
	(4) Lucifer matches ...	93	61	...	32	
	(5) Others ...	7,478	11,499	4,021	...	
		No.	No.	No.	No.	
	Total ... Animals ...	3,815	4,244	429	...	
		Tons.	Tons.	Tons.	Tons.	
	Total ... Goods ...	144,714	187,595	42,881	...	

LAHORE:
The 17*th June* 1898.

J. SHAW,
Examiner of Accounts, North-Western Railway.

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of May 1898 as compared with the same month of the previous year.

	STAPLES.	Total 1898.	Total 1897.	Increase.	Decrease.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
I	COAL AND COKE CARRIED FOR THE PUBLIC AND FOREIGN RAILWAYS	2,108	3,403	...	1,295	
II	COTTON, RAW—					
	(1) Full pressed	5,740	9,971	...	4,231	
	(2) Intermediate and half pressed ...	165	174	...	9	
	(3) Unpressed	831	1,144	...	313	
III	COTTON, MANUFACTURED—					
	(1) Twist and Yarn, European ...	156	118	38	...	
	(2) Twist and Yarn, Indian ...	734	700	34	...	
	(3) Piece-goods, European ...	1,967	1,175	792	...	
	(4) Piece-goods, Indian	1,154	1,745	...	591	
IV	DRUGS AND CHEMICALS—					
	(1) Intoxicating other than opium ...	4	8	...	4	
	(2) Non-intoxicating—					
	(a) Cinchona bark	...	...	...	...	
	(b) Others	25	125	...	100	
V	DYES AND TANS—					
	(1) Indigo	14	20	...	6	
	(2) Myrabolams	19	18	1	...	
	(3) Cutch	10	9	1	...	
	(4) Turmeric	109	170	...	70	
	(5) Aniline dyes	74	86	...	12	
	(6) Others	175	354	...	179	
VI	GRAIN AND PULSE—					
	(1) Wheat	91,680	24,278	67,402	...	
	(2) Rice in the husk	181	474	...	293	
	(3) Rice not in the husk	2,186	1,786	400	...	
	(4) Jowár and Bájra	4,426	2,283	2,143	...	
	(5) Gram and Pulse	6,203	8,121	...	1,918	
	(6) Others	7,861	10,199	...	2,338	
VII	HIDES AND SKINS—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	79	149	...	70	
	(b) Raw	217	208	9	...	
	(2) Skins of sheep, &c.—					
	(a) Dressed or tanned ...	30	24	6	...	
	(b) Raw	114	257	...	143	
VIII	HORNS	15	2	13	...	
IX	JUTE—					
	(1) Raw	62	119	...	57	
	(2) Gunny bags and cloth	2,255	1,587	668	...	
X	LAC—					
	(1) Stick	4	14	...	10	
	(2) Shell	3	7	...	4	
XI	LEATHER, MANUFACTURED	19	34	...	15	
XII	LIQUORS—					
	(1) Beer	176	211	...	35	
	(2) Spirits	1	...	1	...	
	(3) Wines	56	90	...	34	
XIII	METALS—					
	(1) Copper, unwrought	83	50	33	...	
	(2) Brass, unwrought	244	129	115	...	
	(3) Copper, wrought	14	24	...	10	
	(4) Brass, wrought	89	76	13	...	
	(5) Iron	1,717	2,521	...	804	
	(6) Others	232	125	107	...	
XIV	OILS—					
	(1) Kerosene	260	452	...	192	
	(2) Castor	13	69	...	56	
	(3) Cocoanut	35	57	...	22	
	(4) Others	108	352	...	244	

	Staples.	Total 1898.	Total 1897.	Increase.	Decrease.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
XV	Oil-seeds—					
	(1) Linseed	2,953	1,352	1,611	...	
	(2) Rape and Mustard	9,518	9,986	...	468	
	(3) Til or Jinjili	552	404	148	...	
	(4) Poppy	3,267	4,400	...	1,133	
	(5) Earthnuts	17	13	4	...	
	(6) Castor	333	1,425	...	1,102	
	(7) Others	2,057	4,286	...	2,229	
XVI	Opium	330	747	...	417	
XVII	Paper and Paste-board	46	94	...	48	
XVIII	Provisions—					
	(1) Ghi	376	426	...	50	
	(2) Dried Fruits and Nuts ...	538	569	...	31	
	(3) Others	1,178	986	192	...	
XIX	Railway Plant and Rolling Stock carried for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders and parts thereof	118	869	...	751	
	(2) Carriages and trucks and parts thereof	159	2	157	...	
	(3) Materials—					
	(a) Steel rails and fish-plates ...	290	395	...	105	
	(b) Sleepers and keys of steel and cast-iron	431	711	...	280	
	(c) Other sorts	1,144	1,885	...	741	
XX	Salt	18,912	23,054	...	4,142	
XXI	Saltpetre, &c.—					
	(1) Saltpetre	411	1,495	...	1,084	
	(2) Other saline substances ...	164	50	114	...	
XXII	Silk, Raw—					
	(1) Foreign	13	24	...	21	
	(2) Indian	...	2	...	2	
XXIII	Silk Piece-Goods—					
	(1) Foreign	1	4	...	3	
	(2) Indian	...	...	...	...	
XXIV	Spices—					
	(1) Betelnuts	29	67	...	38	
	(2) Pepper	36	23	13	...	
	(3) Ginger	14	21	...	7	
	(4) Chillies	137	273	...	136	
	(5) Cardamoms	9	5	4	...	
	(6) Others	475	537	...	62	
XXV	Stone and Lime	2,680	3,272	...	592	
XXVI	Sugar—					
	(1) Refined or crystallized, including sugarcandy.	6,016	5,400	616	...	
	(2) Unrefined, *viz.*, molasses and jaggery or gur and other saccharine produce.	5,377	6,103	...	726	
XXVII	Tea—					
	(1) Foreign	9	20	...	11	
	(2) Indian	69	31	35	...	
XXVIII	Timber	1,922	2,989	...	1,067	
XXIX	Tobacco—					
	(1) Unmanufactured	2,227	3,256	...	1,029	
	(2) Manufactured—					
	(a) Cigars	23	204	...	182	
	(b) Other sorts	19	456	...	437	
XXX	Wool, Raw	535	868	...	333	
XXXI	Wool, Manufactured—					
	(1) Piece-goods, European ...	6	406	...	400	
	(2) Piece-goods, Indian	96	21	75	...	
	(3) Shawls	...	...	...	...	
XXXII	All other articles of merchandise—					
	(1) Firewood	987	794	193	...	
	(2) Hay and Grass	7	71	...	64	
	(3) Mowra flowers and seeds ...	447	1,408	...	961	
	(4) Others	13,598	10,935	2,663	...	
	Total ...	209,183	163,289	77,601	31,707	
	Net Increase ...	...	...	45,894	...	

Traffic Audit Office,
Ajmere:
The 22nd June 1898.

R. A. ENGLISH,
Chief Auditor and Accountant.

Punjab Government Press, Lahore—7 7 98—590.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JULY 14, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 12th JULY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	0·12 in Hánsi ... 1·25 in Bhiwáni. 0·10 in Sirsa.	1. Sufficient ... 2. Good.	Wheat 15 seers ... Bájra 23 seers. Gram 24 seers.	Canal crops in good condition. Rain needed.	...
2	Delhi ...	0·94 at Sadr ...	1. Sufficient ... 2. Good.	Wheat 15 seers ... Gram 20½ seers. Bájra 22 seers.	More rain needed ...	...
3	Umballa ...	1·45 ...	1. Sufficient ... 2. Good.	Wheat 18 seers ... Gram 21 seers. Maize 28 seers.	Sowings in progress. Water sufficient.	...
4	Jullundur ...	3·38 ...	1. Sufficient ... 2. Fair.	Wheat 19½ seers Gram 21¾ seers. Barley 24 seers.	Sowings of moth (phaseolus aconitifolus) and jowár (great millet) in progress. Stock of food grain sufficient.	...
5	Ferozepore ...	0·30 at Sadr. 0·28 in City. 0·86 in Muktsar. 0·14 in Fázilka. 0·15 in Nathána. 0·44 in Jalalabad.	1. Sufficient ... 2. Fair.	Wheat 17 seers ... Gram 23 seers. Maize 24 seers. Jowár 18 seers. Bájra 18 seers. Barley 32 seers.	Sowings commenced. Prospects improved by recent rain.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	2. Good ...	Wheat, 2nd quality, 16½ seers.	Crops in fair condition ...	...
7	Lahore ...	2·90 at Sadr. ... 0·97 in Chuniân. 0·09 in Sharakpur.	1. Sufficient ... 2. Fair.	Wheat 17 to 19 seers. Maize 16½ to 17 seers.	Sowings in progress. Standing crops are generally in good condition. Prospects improved by recent rain. Locusts appeared in parts, but did little harm.	...
8	Amritsar ...	2·38 average ...	1. Sufficient ... 2. Good.	Wheat 19 seers ... Maize 21 seers.	Crops in good condition. Rice, &c., being sown. Food stock sufficient.	...
9	Siâlkot ...	0·96 average ...	1. Sufficient ... 2. Good.	Wheat 16½ to 17½ seers. Rice 9 to 10 seers.	Crops promising.	...
10	Shahpur ...	Not received.				
11	Râwalpindi ...	0·96 at Sadr ... 0·42 in Pindigheb. 2·04 in Gujar Khan. 1·04 in Kahúta, 3·48 in Murree.	1. Sufficient ...	Wheat 17 seers ... Bájra 22 seers. Maize 24 seers.	Sowings in progress. Stock of food grain sufficient.	...
12	Peshâwar ...	2·03 ...	1. Sufficient ... 2. Good.	Wheat 15¾ seers Maize 25⅜ seers.	Condition of crops good. Standing crops benefited. Other crops are being sown.	...
13	D. I. Khan ...	0·38 at Sadr ... 0·11 in Tánk. 0·30 in Shekh Budin	1. Sufficient ... 2. Good.	Wheat 20 seers ... Bájra 24⅕ seers.	Condition of standing crops good	...

GENERAL REMARKS.

Rainfall.—Rain has fallen ranging from 3⅓ inches in Jullundur, 2⅓ in Amritsar, 2 in Peshâwar, 1½ in Umballa and Râwalpindi, 1¼ in Lahore, 1 in Delhi and Siâlkot, ½ of an inch in Hissar to ¼ in Ferozepore and Dera Ismail Khan. No fall is reported from Mooltan.

Prices—Rising in Hissar, Umballa, Mooltan, Peshâwar and Dera Ismail Khan; falling in Delhi, Amritsar and Râwalpindi; unchanged elsewhere. Wheat is selling from 15 to 20, barley 24 to 32, gram 20½ to 24, bulrush millet 18 to 24⅕, maize 16½ to 24, great millet 18, and rice 9 to 10 seers per rupee.

Agricultural operations.—Sowings of autumn crops going on. More rain is needed in certain districts.

Crops and outturn.—Condition of standing crops is generally reported good. Recent rain has benefited the crops and improved their prospects. Stock of food grain sufficient throughout the Province.

Damage done to Crops.—Locusts appeared in parts of Lahore and did a little harm.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder is said to be sufficient throughout the Province.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JUNE 1898.

Explanation :—(c) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th June.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th June 1898.	Total.	Condition of crops and cattle, and health of people.
Hissar.	Sirsa ...	2·20	2·8[illegible]	1·95	1·04	1·39	2·69	4·08	Rainfall of the month proved beneficial for kharif ploughings. In certain villages where rainfall was sufficient crops have been sown. More rain is needed. Cotton and indigo sown on irrigated land. Fodder sufficient. General health of the district good.
	Fatahabad ...	2·32	2·60	1·77	1·68	1·14	2·38	3·52	
	Hissar ...	2·37	2·57	1·86	2·15	1·78	4·16	5·94	
	Hánsi ...	1·09	2·58	1·45	2·65	1·11	4·01	5·12	
	Bhiwáni ...	1·68	2·64	1·72	1·58	1·81	4·52	6·33	
	Budhláda ...	...	...	...	1·62	1·94	2·10	4·04	
	Tobána ...	...	...	...	...	2·29	...	2·29	
Jind State.	Dhaneta (c) ...	...	...	...	2·50	1·29	3·80	5·09	
	Safidon (c) ...	...	...	...	1·45	2·50	2·10	4·60	
	Jind (c) ...	...	...	...	1·19	1·00	1·64	2·64	
Bikaner State.	Channi (c) ...	...	...	...	...	1·80	1·60	3·40	
Rohtak.	Rohtak ...	2·26	3·20	2·47	4·10	1·40	6·68	8·08	Cultivation of cotton and bájra continues. Condition of standing crops good. Health of people good. Swarms of locusts came from the west and alighted one night, but did no damage. Fodder plentiful. Stocks of grain sufficient. Prices of food-grains are as follow :— Wheat ... 16 seers per rupee. Gram ... 21 " " Jowár ... 22 " " Bájra ... 21 " "
	Gohána ...	2·41	2·90	1·90	3·77	1·55	5·93	7·48	
	Sámpla ...	2·00	2·71	2·03	1·99	2·02	3·46	5·48	
	Jhajjar ...	1·84	3·01	2·09	2·49	1·48	5·04	6·52	
Gurgaon.	Farukhnagar ...	...	...	...	1·05	1·65	2·56	4·21	There was very fair rain on the 15th, 16th and 30th of the month, which enabled kharif sowings to be commenced in several villages, but more rain is yet wanted. The growing crops on canal lands are in good condition, and ploughing is being pushed on in many places. Health of the people good. Prices are stationary. Locusts passed over certain villages of the Palwal and Firozpur Tahsíls, but did no damage.
	Lípusána ...	...	...	...	1·90	0·50	2·70	3·20	
	[illegible]wári ...	1·64	2·78	2·20	2·28	1·81	3·15	4·96	
	Shahjahánpur ...	...	...	...	7·05	1·56	8·05	9·61	
	Tauru ...	...	...	...	0·94	3·17	2·33	5·50	
	Núh ...	1·67	3·39	2·80	1·74	2·37	3·30	5·67	
	Fírozpur ...	1·00	2·32	1·75	1·22	2·30	2·02	4·32	
	Hodal ...	...	...	...	1·24	2·55	1·36	3·91	
	Hattín ...	...	...	...	1·94	3·29	3·22	6·51	
	Palwal ...	2·04	2·21	1·52	0·80	3·53	1·50	5·03	
	Sohna ...	...	...	...	0·70	2·30	0·80	3·10	
	Gurgaon ...	2·39	3·40	2·59	2·53	2·11	3·52	5·63	
	Punahána ...	...	...	...	1·60	2·92	2·13	5·05	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JUNE 1898—(CONTINUED).

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th June.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th June 1898.	Total.	Condition of crops and cattle, and health of people.
Delhi.	Ballabgarh ...	1.99	3.81	3.15	0.59	2.87	1.17	4.04	Kharff ploughing and sowings have begun, but rain is badly wanted in some parts of the district. Fodder and stocks sufficient for the present. Health of people good. Prices stationary during the month.
	Mahrauli ...	...	...	...	2.02	2.45	2.74	5.19	
	Sadr (Delhi) ...	2.97	4.35	3.26	0.50	2.86	1.10	3.96	
	Sonepat ...	2.36	3.68	2.55	4.65	2.30	5.49	7.79	
Karnal.	Pánipat ...	2.49	3.32	2.47	3.21	3.10	3.40	6.50	There was good rainfall throughout the district, which enabled the agriculturists to commence kharff sowings on baráni area. Sugarcane, indigo, cotton and paddy are being irrigated from canal. Prices stand as follow :— Wheat ... 17 seers per rupee. Barley ... 30 " " Gram ... 20 " " Bájra ... 16 " " Maize ... 20 " " Fodder sufficient. Health of people generally good.
	Karnal ...	4.02	5.74	4.11	3.93	5.94	4.13	10.07	
	Rajaund ...	...	...	...	1.15	1.52	1.52	3.04	
	Kaithal ...	2.36	3.21	2.53	1.64	2.19	2.09	4.28	
	Gulah ...	...	...	...	1.10	3.62	1.54	5.16	
	Thanesar (Pipli) ...	3.29	3.82	2.94	6.80	6.81	7.14	13.95	
Umballa.	Jagádhri ...	5.61	5.75	4.46	3.28	6.00	3.62	9.62	*Condition of crops.*—Kharff sowings commenced. The rainfall during the month has been satisfactory and sufficient for sowing china, millet and maize, but not rice. Sugarcane in good condition. Buying up of wheat for export ceased. Fodder— Dry ... Sufficient. Green ... Springing up. Health of people generally speaking good. Prices— Wheat ... 19 seers per rupee. Gram ... 21½ to 22 seers per rupee. Maize ... 28 seers per rupee.
	Umballa ...	3.93	5.38	3.86	3.59	9.46	4.12	13.58	
	Naráingarh ...	4.77	4.49	3.41	5.91	5.63	5.91	11.54	
	Kharar ...	4.72	5.29	4.01	3.[illegible]3	7.51	3.86	11.37	
	Rúpar ...	4.84	4.43	3.05	4.05	7.84	4.33	12.17	
	Dádúpur (*c*) ...	...	...	...	4.10	6.50	4.30	10.80	
Patiala State.	Kotra (*c*) ...	...	...	...	1.20	1.07	1.49	2.56	
	Jodhpur (*c*) ...	...	...	...	1.61	1.62	2.34	3.96	
	Ràniki (*c*) ...	...	...	...	2.35	3.55	2.45	6.00	
	Lehal (*c*) ...	...	...	...	3.60	2.49	4.26	6.75	
	Gujrán (*c*) ...	...	...	...	3.01	3.00	4.66	7.66	
	Barthála (*c*) ...	...	...	...	4.37	4.18	5.26	9.44	
Nabha State.	Dadahur (*c*) ...	...	...	...	1.60	4.00	1.85	5.85	
	Bundher ...	...	...	...	1.88	2.16	2.43	4.59	
Simla.	Kasauli ...	7.96	9.53	5.80	5.25	6.25	5.85	12.10	Condition of kharff crop good. Health of people good.
	Bharauli ...	7.96	8.76	4.81	9.53	5.76	11.58	17.34	
	Simla ...	8.42	14.78	7.68	9.01	6.84	11.11	17.95	
	Kot Khái ...	10.88	12.21	4.53	7.74	5.12	9.22	14.34	
	Kotgarh ...	11.96	15.03	5.07	6.80	5.82	8.90	14.72	
	Kilba ...	21.31	11.05	2.07	0.28	6.24	2.77	9.01	
Kangra.	Plách ...	11.29	8.36	3.64	4.20	8.31	5.93	14.24	During the month under report the rainfall in all the tahsíls of the district, excepting Kulu, was sufficient. The kharff sowings have now been completed. The health of the public continues good.
	Kulu ...	17.46	8.41	2.75	1.21	10.44	4.92	15.36	
	Nagar ...	13.10	7.88	2.38	1.71	10.20	4.63	14.83	
	Pálampur ...	17.35	11.49	7.60	10.98	8.20	12.20	20.40	
	Hamírpur ...	8.82	5.38	2.95	5.85	6.92	6.25	13.17	
	Dera ...	9.24	5.77	3.36	6.58	5.02	6.58	11.60	
	Kángra ...	9.99	7.57	5.65	9.31	6.10	9.75	15.85	
	Dharmsala ...	15.66	14.19	9.67	13.06	11.81	15.00	26.81	
	Núrpur ...	12.79	5.96	3.69	5.84	5.56	8.64	14.20	

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1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th June.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th June 1898.	Total.	Condition of crops and cattle, and health of people.
HOSHIÁRPUR.	Dasúya ...	6.14	4.22	2.67	3.60	6.38	4.07	10.45	The extra rabi crops have generally been cut. The outturn has been average. Sufficient rain has fallen for kharif sowings all over the district. The kharif crops are being sown. The condition of the sugarcane, cotton and rice crops, has greatly improved owing to the recent rainfall. The mango crop is a very good one this year. Supplies of food grains and fodder are sufficient. Health of the people is good.
	Una ...	5.12	3.78	2.19	1.66	6.61	1.77	8.38	
	Garhshankar ...	5.24	4.89	2.87	3.62	7.78	4.11	11.89	
	Sadr Station ...	6.06	4.82	3.31	2.34	6.17	2.34	8.51	
	Hoshiárpur ...	...	...	...	2.21	6.09	2.21	8.30	
JULLUNDUR.	Jullundur ...	4.53	3.97	2.56	3.48	4.19	3.55	7.74	The rain has been seasonable. Kharif sowings commenced. Health of people good.
	Nakodar ...	3.28	4.07	3.00	3.19	5.64	3.28	8.92	
	Phillour ...	3.66	3.13	1.68	2.74	4.88	2.78	7.66	
	Nawashahr ...	4.66	3.24	2.08	3.71	6.71	3.71	10.42	
LUDHIÁNA.	Samrála ...	3.51	4.24	3.15	3.59	4.65	3.70	8.35	Threshing operations completed. The outturn of the rabi crops was good. The rainfall shown in this return has enabled the people to sow a large area with cotton. The sugarcane crop is in good condition. Health of the people is good. Prices have fallen. Fodder and grain crops are sufficient throughout the district.
	Ludhiána ...	4.15	3.47	2.03	2.12	4.16	2.25	6.41	
	Jagraon ...	2.44	2.22	1.43	3.03	4.82	3.29	8.11	
FEROZEPORE.	Moga ...	2.14	2.26	1.34	0.87	4.92	1.42	6.34	Good rain fell all over the district. Stock of food grains and fodder sufficient. The harvesting of the extra rabi crops was completed during the month. Health of people has been good throughout the district. The average prices of food grains have been as follow during the month :— Wheat ... 16 seers per rupee. Gram ... 22¼ " " Maize ... 24½ " " Jowár ... 18½ " " Bájra ... 19¼ " " Barley ... 27½ " " The inundation canals of the district have been working well.
	Zíra ...	2.47	2.85	1.93	0.52	5.22	0.96	6.18	
	Ferozepore Sadr ...	2.67	2.99	1.70	2.23	4.79	3.11	7.90	
	Ferozepore City ...	...	...	...	1.69	5.80	2.44	8.24	
	Muktsar ...	1.15	1.36	0.84	2.21	2.83	3.34	6.17	
	Fázilka ...	...	...	...	1.17	2.13	1.37	3.50	
	Nathána ...	...	...	...	0.71	2.46	2.38	4.84	
	Jalalabad ...	...	...	...	1.11	1.90	1.77	3.67	
	Gobindgarh (*c*) ...	...	...	...	0.20	1.40	0.40	1.80	
	Phidda (*c*) ...	...	...	...	...	2.00	0.40	2.40	
MOOLTAN.	Mailsi ...	0.72	0.93	0.47	0.27	2.18	0.42	2.60	Rabi crops in fair condition. Health of people good. Sidhnai dry.
	Lodhrán ...	0.91	0.72	0.28	0.32	2.54	0.37	2.91	
	Shujabad ...	0.93	0.70	0.33	...	2.04	0.05	2.09	
	Mooltan ...	1.17	0.85	0.39	0.14	1.88	0.22	2.10	
	Kabírwála ...	1.12	1.12	0.68	0.15	1.75	0.15	1.90	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JUNE 1898—(CONTINUED).

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		Rainfall.							
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Jhang.	Shorkot ...	1·65	1·52	0·67	0·15	2·27	0·15	2·42	*Crops.*—Rabi crops have been gathered. Yield good. The condition of extra rabi crops good; kharff crops being sown. *Prices.*—Prices rising. Fodder sufficient. More than 200 maunds of wheat burnt down in three villages on the Chenab Canal. *Canals.*—Canals flowing. *Rivers.*—Slight floods occurred in rivers.
	Jhang ...	1·79	1·49	0·76	0 67	2·20	0·91	3·11	
	Chiniot ...	1·97	2 11	1·11	1·43	3·54	3·01	6·55	
	Badwáli (*c*) ...	...	...	...	0·40	2·90	1·10	4·00	
	Tarkhani (*c*) ...	...	...	...	1·00	2 35	1·01	3·36	
	Murídwála (*c*) ...	...	...	...	1·10	3·19	1·10	4·29	
	Khewra (*c*) ...	...	...	...	0·15	2·70	0·15	2·85	
	Laklani (*c*) ...	...	...	...	0·20	2·60	0 25	2·85	
	Lyallpur (*c*) ...	...	...	...	2·20	3·50	2·60	6·10	
	Lyallpur ...	...	...	...	1·95	3·50	2·22	5 72	
Montgomery.	Gugera ...	1·46	1·21	0·56	0·30	3·02	0·79	3·81	*Crops.*—Prospects of the kharff crops sown are moderate The recent rains will do good to the crop. It has prepared land for further kharff sowing. Fodder and food grains sufficient. *Health*—Good. *Canals.*—Upper Sutlej Canals flowed at the end of the month under report. Ravi canals not flowing owing to insufficient water in the river.
	Montgomery ...	1·68	1·85	1·30	0·63	1·61	0 63	2·24	
	Pákpattan ...	1·18	1·30	0·78	0·68	0·87	0·68	1·55	
	Dipálpur ...	1·44	1·41	1·03	1·79	2·89	1·86	4 75	
	Sandyaniwala (*c*) ...	...	..	...	...	...	...	...	
Lahore.	Van (*c*) ...	2·64	3·75	2·03	2·20	4·70	2·30	7·00	Tiddi insects had begun to injure young cotton plants in parts of the district, but recent rainfall in the month has destroyed them and the crop is in good condition, also the extra rabi crop.
	Chunián ...	1·66	2·83	1·58	0·89	4·17	1·22	5·39	
	Kasúr ...	1·70	2·05	1·39	0·60	4·81	1·63	6·44	
	Pambe (*c*) ...	2·48	3·31	1·86	0·03	4·90	0·18	5·08	
	Sharakpur ...	1·79	1·54	0·86	0·49	4·04	1·55	5·59	
	Niáz Beg (*c*) ...	3·72	2·51	1·08	1·83	3·88	3·03	6 71	
	Lahore ...	3·07	2·58	1·35	1 02	5·62	1·89	7 51	
	Meean Meer (*c*) ...	4·39	4·19	2·14	2·18	5·80	3·34	9·14	
	Manihála (*c*) ...	2·82	3 17	2·56	0·40	4·05	0·60	4·65	
	Dafthu (*c*) ...	...	...	...	2·03	3·30	2·03	5·33	
	Nijábat (*c*) ...	...	...	...	0·20	2·24	0·54	2 78	
Amritsar.	Buchar (*c*) ...	4·06	3·71	2·26	1·02	5·93	2·29	8·22	The extra rabi crops have almost all been harvested. Sugarcane and cotton crops are being looked after. Rice crop is being sown. Other crops will be sown as soon as we have rain. Stock of food grain and fodder is sufficient. Heath of people good. Prices are as below:— Wheat ... 18½ seers per rupee. Gram ... 23½ " " Barley ... 28 to 29" " Jowár ... 18 " " Maize ... 19 to 20" "
	Khara (*c*) ...	2·38	2·67	1·52	...	5·48	...	5·48	
	Tarn Táran ...	3·51	3·34	2·53	0·41	5·42	1·38	6·80	
	Raya (*c*) ...	4·59	3·32	2·27	0·82	4·44	1·16	5 60	
	Jail Hospital (Amritsar).	4·52	3·89	2·39	2·40	5·54	3·31	8·85	
	Amritsar (*c*) ...	...	...	...	1·90	6·40	2·75	9·15	
	Buggeh (*c*) ...	3 96	4·09	2·99	0·25	8·10	2·60	10·70	
	Ajnála ...	3 09	2·48	1·70	0·78	6·13	1·82	7 95	
Gurdaspur.	Aliwál (*c*) ...	4·00	4·12	2·76	0·94	4·58	3·14	7·72	Kharff sowings in hand. Fodder plentiful. Condition of standing crops good. Health of people good.
	Batála ...	5·53	3·99	2·84	1·46	4·33	3·06	7·39	
	Tibri (*c*) ...	5·77	3·91	2·47	3·20	6·20	4·65	10·85	
	Gurdaspur ...	5·43	4·33	2·95	4·69	7·35	6·42	13·77	
	Pathánkot ...	8·15	4·77	3·02	3·81	6·91	4·53	11·44	
	Dalhousie ...	13·32	12·06	6·40	4·21	13·34	8 35	21·69	
	Mádhopur (*c*) ...	10·62	5·34	3·18	2 95	6·40	4·15	10·55	
	Shakargarh ...	6·92	4·58	2·95	·2·98	6·04	5·70	11·74	

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DISTRICT.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th June.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th June 1898.	Total.	Condition of crops and cattle, and health of people.
SIALKOT.	Zafarwál ...	5.70	4.45	2.88	2.27	5.22	4.62	9.84	The rainfall during the month has been very beneficial to the standing sugarcane and cotton crops, and the ploughings for other kharíf crops have commenced. Green fodder is insufficient, but bhúsa is procurable. Health of people generally good. Prices inclined to fall.
	Pasrúr ...	5.85	4.70	2.31	1.22	5.56	2.42	7.98	
	Raya ...	4.03	3.39	2.16	0.70	6.19	2.16	8.35	
	Daska ...	4.94	3.78	1.95	0.80	6.76	2.37	9.13	
	Siálkot ...	5.87	5.83	2.87	1.62	5.89	2.74	8.63	
GUJRAT.	Gujrat (Sadr) ...	6.52	4.20	2.18	0.10	6.13	1.45	7.58	The condition of the standing kharíf crops, cotton and sugarcane is below average. Rabi crops have been gathered. Extra rabi crops under average, and owing to the great heat have withered. Small fall of rain during the month, but not of much use owing to the parched condition of the land. Rain badly wanted. Bhúsa procurable. Prices rising as compared with the last month.
	Khárián ...	6.35	4.11	2.45	0.85	5.85	1.61	7.46	
	Phália ...	4.65	2.92	1.01	1.03	4.24	1.48	5.72	
GUJRÁNWALA.	Rámnagar ...	3.02	2.81	1.53	...	5.84	...	5.84	Condition of kharíf crops good, except in Tahsíl Gujránwála, where the crops have suffered for want of rain. Health of people generally good. Prices of food-grain stationary. Fodder and stock of food-grain sufficient.
	Wazirabad ...	4.57	3.14	1.71	0.57	5.86	2.01	7.87	
	Sadr Kacheri (Gujranwala).	4.86	3.33	1.90	1.00	4.68	2.61	7.29	
	Shekhupura ...	2.14	2.08	0.96	0.62	5.47	1.22	6.69	
	Háfizabad ...	3.79	3.19	1.49	2.44	6.86	4.00	10.86	
	Khángah Dográn ...	...	...	...	1.14	6.76	2.45	9.21	
	Rámpur (*c*) ...	...	...	...	1.50	5.00	2.40	7.40	
	Pacca Dalla (*c*) ...	...	...	...	1.05	4.10	1.55	5.65	
	Firoz (*c*) ...	...	...	...	0.45	3.86	1.45	5.31	
SHAHPUR.	Midh ...	3.88	1.66	0.94	0.40	4.00	0.40	4.40	Rabi crop entirely harvested. Kharíf sowings in progress. Fodder sufficient. Health of people good. Wheat ... 18 & 21 seers per rupee. Barley ... 30 & 32 " " Gram ... 22 & 25 " " Mung ... 12 " "
	Sáhiwál ...	2.88	2.83	1.43	2.45	2.50	4.01	6.51	
	Núrpur ...	1.96	1.34	0.54	0.56	2.65	1.67	4.32	
	Mitha Tiwána ...	2.48	2.12	0.60	0.50	1.25	1.50	2.75	
	Sakesar ...	0.97	1.40	0.63	1.24	9.73	1.24	10.97	
	Naushahra ...	4.10	3.25	1.21	3.83	4.51	6.01	10.52	
	Khusháb ...	2.47	1.65	0.67	2.12	3.49	5.05	8.54	
	Shahpur ...	3.58	2.90	1.24	2.00	3.85	4.15	8.00	
	Bhera ...	3.61	2.36	0.61	1.55	4.92	3.54	8.46	
	Miáni ...	4.72	1.92	0.88	1.00	4.20	2.00	6.20	
JHELUM.	Pind Dádan Khan ...	4.18	2.33	1.23	0.66	5.25	2.15	7.40	Extra rabi crops on baráni lands have for want of rain generally dried up, and melons have got rotten. Kharíf sowings commenced on account of rain having fallen. Stock of grain sufficient. Prices of grain falling. Health of people good. No inundation in river worth noticing.
	Jhelum (Sadr) ...	5.49	4.01	2.08	0.23	7.33	1.38	8.71	
	Chakwál ...	4.23	2.52	0.78	0.28	5.86	1.59	7.45	
	Talagang ...	4.82	3.61	1.03	0.85	4.25	3.11	7.36	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JUNE 1898—CONTINUED.

Explanation :—(*c*)=Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th June.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th June 1898.	Total.	Condition of crops and cattle, and health of people.
Rawalpindi.	Pindigheb ...	5.01	3.09	0.88	0.75	5.55	2.17	7.72	Rabi threshing completed. Kharíf being sown.
	Fatahjang ...	6.99	2.22	0.47	0.45	6.95	1.28	8.23	
	Attock ...	6.51	2.08	0.29	0.17	7.42	0.37	7.79	
	Rawalpindi ...	8.87	5.25	1.84	0.30	6.63	1.43	8.06	
	Gujar Khan ...	7.53	3.30	1.11	1.41	6.13	3.06	9.19	
	Kahúta ...	8.69	2.50	0.34	2.39	6.54	3.91	10.45	
	Murree ...	9.53	10.56	3.66	2.46	12.93	6.63	19.56	
Hazara.	Abbott-abad ...	14.82	8.80	2.93	3.94	13.63	9.66	23.29	Rain was much wanted, and fell in sufficient quantity on 30th and subsequent dates, which helped further ploughings and improved the standing crops. The rainfall in parts of the Haripur Tahsíl was insufficient. Fodder and grain stocks lately replenished. Prices falling slightly. Water from irrigation channels sufficient.
	Mánsahra ...	14.87	6.40	1.73	3.45	11.16	8.05	19.21	
	Haripur ...	11.24	4.69	1.08	1.40	6.22	5.27	11.49	
Peshawar.	Swábi ...	5.88	2.69	0.34	0.22	8.67	0.72	9.39	Maize, moth and mung were sown during the month in the Peshâwar Tahsíl. Kharíf sowings on irrigated tracts in the remaining tahsíls are in progress. The condition of standing kharíf crops is *good*, except in the Swábi Tahsíl, where rain is urgently required for the cotton and sugar-cane crops. The outturn of the rabi and extra rabi crops is generally average. Fodder and stocks of food-grains are sufficient. The following prices were current in the Peshâwar City on the last day of the month :— Wheat ... $16\frac{1}{4}$ seers per rupee. Maize ... $26\frac{13}{16}$ " " Water in the rivers is rising. There was sufficient water in canals.
	Lahor (Utman Bolak)	6.01	2.07	0.14	0.02	5.86	0.38	6.24	
	Nowshera ...	6.15	2.32	0.41	0.26	6.68	0.67	7.35	
	Mardán ...	6.66	2.22	0.49	0.05	7.31	1.26	8.57	
	Katlang ...	5.27	1.97	0.43	...	3.99	...	3.99	
	Chársada ...	5.17	1.25	0.09	...	5.76	1.54	7.30	
	Nabakki ...	5.95	2.38	0.21	...	6.22	0.15	6.37	
	Peshawar ...	5.42	2.72	0.32	0.06	5.77	1.48	7.25	
	Abazai (*c*) ...	...	...	...	0.05	5.35	1.00	6.35	
	Khán Máhi (*c*) ...	...	...	...	...	3.20	0.50	3.70	
	Pára Chinár (Kurram)	...	...	...	1.58	9.57	4.02	13.59	
Kohat.	Kohât ...	6.31	3.97	0.91	0.43	5.94	2.47	8.41	The harvesting of rabi crops was completed during the month, and the extra rabi crops are in good condition. Of the early kharíf crops, the condition of the rice crop in the Hangu Tahsíl is well reported on, while that on the lands irrigated by Toi II in the Kohât Tahsíl was withering for want of rain in the beginning of the month under report. Some rain fell later on and floods came on in Toi. It is hoped that for some days at least want of water will not be felt. The sowings of the kharíf crops are in progress in nea[illegible] the whole of the Hangu Tahsíl and in some places of the Kohât and Teri Tahsíls. Hail occurred in three villages of the Teri Tahsíl and caused injury to moth crop, cattle and houses. The health of the people is fair. Fodder for cattle, such as bhúsa white and dry hill grass, was sufficient. The stocks of food grain are sufficient. Prices are stationary.
	Hangu ...	...	...	...	2.60	6.99	5.78	12.77	
	Thal ...	...	...	...	1.35	7.12	2.53	9.65	
	Banda Daud Shah ...	...	...	...	1.26	5.24	3.58	8.82	
	Khushâlgarh ...	...	...	...	2.04	0.13	2.93	3.06	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JUNE 1898—(CONCLUDED).

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th June.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th June 1898.	Total.	Condition of crops and cattle, and health of people.
Bannu.	Miánwáli ...	2·50	2·31	0·73	1·15	4·16	2·78	6·94	Rabi crops have been harvested. Extra rabi crops are doing well. Ploughings for the next kharif commenced in parts of the district. Stock of food-grains and fodder sufficient. Prices slightly falling. Health of people good. Water in canals sufficient.
	Isa Khel ...	2·79	2·21	0·52	0·60	4·81	1·20	6·01	
	Bannu ...	3·28	2·62	0·81	0·07	4·46	0·97	5·43	
	Marwat ...	3·31	2·20	0·64	0·34	3·34	2·43	5·77	
Dera Ismail Khan.	Tánk ...	1·71	0·95	0·07	0·13	2·65	0·63	3·28	Condition of standing extra rabi crops good. Harvesting of wheat crop in progress; outturn average. A kind of grass-hopper locally known as "Tidda" was reported in the Dera Tahsíl, where it slightly damaged the extra rabi crops. Health of people good. Fodder sufficient. Prices low—wheat 21¼ seers and bájra 26¼ seers per rupee.
	Kuláchi ...	1·77	1·52	0·57	...	2·84	0·56	3·40	
	Dera Ismail Khan...	2·24	1·78	0·62	...	5·04	0·39	5·43	
	Bhakkar ...	1·59	1·29	0·32	...	2·40	0·06	2·46	
	Leiah ...	1·48	1·25	0·36	0·35	1·70	0·38	2·08	
	Shekh Budín ...	...	...	...	0·60	4·88	1·99	6·87	
Dera Ghazi Khan.	Sanghar ...	1·40	2·03	0·51	0·18	1·69	0·26	1·95	Kharif crops require rain, have been in some parts damaged by grass-hoppers. Canals flowed well during month. Health of people good. Fodder and grain stocks sufficient. Prices falling.
	Dera Ghazi Khan...	1·99	1·73	0·88	0·12	1·25	0·65	1·90	
	Fort Munro ...	0·75	1·48	1·08	0·78	1·23	2·07	3·30	
	Jámpur ...	0·88	1·15	0·52	0·04	1·17	0·48	1·65	
	Rájanpur ...	0·52	0·85	0·20	0·18	0·84	0·22	1·06	
Muzaffargarh.	Alípur ...	1·00	0·91	0·35	...	2·05	0·09	2·14	*Alípur.*—Indigo has been sown. Rice being sown. Fodder and stock of food-grain sufficient.
	Muzaffargarh ...	1·06	0·99	0·42	...	1·86	...	1·86	*Muzaffargarh.*—Kharif crops fair. Cotton plants being injured by insects. Rice being sown. Health of people good. Fodder and stock of food-grain sufficient.
	Sinánwán ...	1·48	1·11	0·45	...	1·29	0·16	1·45	*Sinánwán.*—Prospects of rice, cotton and indigo bad for want of sufficient water. Fodder and food-grain sufficient.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	2			3			4			5		
	QUANTITIES PER RUPEE BY THE											
	Wheat.			Barley.			Rice (best sort).			Rice (common).		
Districts.	Present fortnight ending 30th June 1898.	Past fortnight ending 15th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th June 1898.	Past fortnight ending 15th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th June 1898.	Past fortnight ending 15th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th June 1898.	Past fortnight ending 15th June 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs	Srs.	Srs.	Srs.
Hissar ...	16	17	11	31	32	13	...	...	...	10	10	7
Rohtak ...	15	16	10	26	26	11	...	...	...	10	10	8
Gurgaon ...	15	15	10	27	27	13	...	...	...	7	7	7
Delhi ...	15	15	10	25	25	12	...	...	...	10	10	7
Karnál ...	17	17	11	30	29	13	...	...	...	8	8	7
Umballa ...	18	18	11	26	26	13	...	...	...	10	10	7
Simla ...	12	12	8	17	18	11	...	...	...	8	8	6
Kángra ...	16	16	12	23	22	15	...	...	...	10	10	8
Hoshiárpur ...	19	19	12	26	26	15	...	...	...	11	11	8
Jullundur ...	20	20	12	26	28	15	...	...	...	9	9	8
Ludhiána ...	18	18	12	30	29	14	...	...	...	8	9	7
Ferozepore ...	17	17	11	31	37	14	...	...	...	7	7	7
Mooltan ...	15	14	11	22	22	14	...	...	...	14	14	9
Jhang ...	20	19	13	25	24	15	...	...	...	10	11	8
Montgomery ...	17	16	12	‡	23	‡	...	...	...	10	11	6
Lahore ...	17	16	12	30	29	15	...	...	...	8	9	7
Amritsar ...	17	17	11	27	24	14	...	...	...	9	9	6
Gurdáspur ...	19	20	13	30	30	17	...	...	...	10	10	7
Siálkot ...	16	15	11	26	24	15	...	...	...	11	11	7
Gujrát ...	17	17	12	24	24	14	...	...	...	9	9	8
Gujránwála ...	17	17	12	31	31	16	...	...	...	10	11	8
Shahpur ...	21	20	13	30	31	16	...	...	...	7	7	6
Jhelum ...	18	17	12	26	24	15	...	...	...	10	10	8
Ráwalpindi ...	16	15	12	27	28	16	...	...	...	8	8	6
Hazára ...	15	15	11	25	26	16	...	...	...	9	9	6
Peshâwar ...	16	15	12	29	28	18	...	...	...	8	8	7
Kohát ...	16	16	10	22	21	15	...	...	...	11	11	9
Bannu ...	23	22	11	38	36	16	...	...	...	12	12	7
D. I. Khan ...	19	20	10	23	22	14	...	...	...	7	7	5
D. G. Khan ...	17	14	11	21	22	12	...	...	...	13	14	6
Muzaffargarh	16	15	12	22	22	14	...	...	...	15	15	8

† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 30TH JUNE 1898.

6			7			1	
ORDINARY SEER OF 80 TOLAS.							
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*				
Present fortnight ending 30th June 1898.	Past fortnight ending 15th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th June 1898.	Past fortnight ending 15th June 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
22	24	11	22	23	9	Hissar.	
21	22	10	20	20	8	Rohtak.	
21	20	9	23	22	9	Gurgaon.	
18	22	9	21	22	8	Delhi.	
20	22	8	16	19	5	Karnál.	
22	26	9	20	20	9	Umballa.	
19	21	7	15	16	7	Simla.	
†	†	§	†	†	§	Kángra.	
16	17	8	16	16	8	Hoshiárpur.	
17	18	9	18	18	8	Jullundur.	
18	19	8	20	20	7	Ludhiána.	
17	18	10	18	18	8	Ferozepore.	
16	16	9	20	20	9	Mooltan.	
20	22	6	‡	‡	§	Jhang.	
‡	16	§	§	§	§	Montgomery.	
17	17	10	17	16	8	Lahore.	
17	17	9	15	15	8	Amritsar.	
25	25	12	11	11	10	Gurdáspur.	
17	17	8	15	15	§	Siálkot.	
16	16	8	16	16	7	Gujrát.	
14	15	8	17	17	9	Gujránwála.	
14	16	8	18	20	8	Shahpur.	
17	20	10	20	23	8	Jhelum.	
21	22	10	21	21	8	Ráwalpindi.	
§	§	§	16	16	§	Hazára.	
18	18	8	16	16	7	Pesháwar.	
§	§	†	23	21	10	Kohát.	
41	41	8	35	31	7	Bannu.	
30	26	8	26	25	8	D. I. Khan.	
22	22	10	23	23	9	D. G. Khan.	
17	17	9	14	14	9	Muzaffargarh.	

duced.

urable.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	8			9			10			11		
	QUANTITIES PER RUPEE BY											
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea [illegible]).*		
DISTRICTS.	Present fortnight ending 30th June 1898.	Past fortnight ending 15th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th June 1898.	Past fortnight ending 15th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th June 1898.	Past fortnight ending 15th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th June 1898.	Past fortnight ending 15th June 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs
Hissar ...	†	†	†	†	†	†	25	26	11	†	†	10
Rohtak ...	†	†	†	10	10	10	20	20	10	18	18	9
Gurgaon ...	†	†	†	†	†	†	20	20	10	15	15	9
Delhi ...	†	†	†	13	13	8	20	20	10	18	23	9
Karnál ...	24	24	10	8	8	8	20	21	10	20	23	8
Umballa ...	§	§	10	14	14	§	21	22	10	28	28	11
Simla ...	14	14	10	9	8	7	17	15	8	21	21	10
Kángra ...	§	§	20	‡	‡	§	17	17	10	21	21	12
Hoshiárpur ...	21	21	§	12	12	8	22	23	12	26	27	14
Jullundur ...	§	§	§	17	17	12	22	21	11	25	25	10
Ludhiána ...	†	†	†	15	16	12	23	23	11	27	28	12
Ferozepore ...	†	†	†	18	18	11	22	23	10	24	24	10
Mooltan ...	†	†	†	16	16	‡	19	19	11	18	18	9
Jhang ...	24	40	10	30	40	9	19	18	11	20	20	6
Montgomery ...	§	§	§	§	§	†	22	21	11	§	§	‡
Lahore ...	§	§	§	18	20	14	22	20	11	17	27	8
Amritsar ...	§	§	§	17	17	11	23	22	10	18	19	7
Gurdáspur ...	§	§	14	12	12	10	23	23	12	25	25	14
Siálkot ...	§	§	§	§	§	§	20	19	11	§	21	§
Gujrát ...	†	†	†	†	†	†	18	18	11	19	19	8
Gujránwála ...	†	†	†	16	16	11	21	21	11	20	20	8
Shahpur ...	24	24	16	16	20	16	28	24	12	16	16	8
Jhelum ...	‡	‡	†	‡	‡	‡	21	20	12	24	25	8
Ráwalpindi ...	‡	‡	‡	11	11	10	19	19	11	23	23	16
Hazára ...	†	†	†	§	§	§	16	15	9	21	[illegible]	11
Peshάwar ...	†	†	†	16	16	12	17	16	10	26	20	11
Kohát ...	†	†	†	§	§	§	18	15	10	23	21	13
Bannu ...	13	13	8	7	7	8	24	22	11	48	48	12
D. I. Khan ...	§	§	§	‡	‡	4	23	21	11	26	‡	8
D. G. Khan ...	§	§	§	§	§	§	17	16	10	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	17	17	12	§	§	§

* No whole
† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 30TH JUNE 1898—continued.

THE ORDINARY SEER OF 80 TOLAS.

12			13			1
Arhur or Thur, djan Pea (C nus Indicus).			*Firewood.*			
Present fortnight ending 30th June 1898.	Past fortnight ending 15th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th June 1898.	Past fortnight ending 15th June 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
†	†	†	100	100	100	Hissar.
10	10	10	120	100	120	Rohtak.
16	16	11	140	140	140	Gurgaon.
21	19	11	90	90	100	Delhi.
14	14	8	160	160	160	Karnál.
§	§	§	150	150	150	Umballa.
8	8	6	100	60	70	Simla.
12	12	7	100	100	100	Kángra.
8	8	8	110	110	130	Hoshiárpur.
§	§	§	100	100	110	Jullundur.
8	9	7	100	100	120	Ludhiána.
10	7	7	90	90	100	Ferozepore.
†	†	†	80	80	110	Mooltan.
6	8	8	160	160	160	Jhang.
§	§	6	250	250	310	Montgomery.
10	10	7	85	90	100	Lahore.
‡	‡	§	90	100	110	Amritsar.
§	§	§	100	100	120	Gurdáspur.
§	§	§	130	130	130	Siálkot.
†	†	†	140	140	110	Gujrát.
‡	‡	†	95	95	95	Gujránwála.
†	†	†	160	160	160	Shahpur.
‡	‡	†	120	120	120	Jhelum.
‡	‡	14	65	65	80	Ráwalpindi.
†	†	†	81	81	81	Hazára.
12	10	13	60	58	83	Peshâwar.
†	†	†	77	77	102	Kohát.
5	5	7	70	70	62	Bannu.
‡	‡	5	125	125	125	D. I. Khan.
§	§	§	100	100	100	D. G. Khan.
6	6	§	140	140	140	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Firewood.—Prices average 113 seers as compared with 113 seers in last fortnight and 122 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Seers.	Seers.	Seers.
Delhi ...	100	90	90
Ludhiána ...	120	100	100
Montgomery ...	310	250	250
Gujrát ...	110	140	140
Kohát ...	102	77	77

sale salt sold.
duced.

curable.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt.					
	Present fortnight ending 30th June 1898.		Past fortnight ending 15th June 1898.		Corresponding fortnight of 1897.	
DISTRICTS.	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 4	11 0	11 4	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 4	12 0	12 0	11 0
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	12 10	12 4
Simla	8 8	8 0	8 8	8 0	9 4	8 8
Kángra	*	10 0	*	10 0	*	11 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	12 0	13 0	12 0	13 0	12 8
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	12 12	12 4	12 12	12 4	12 8	12 8
Jhang	11 12	11 8	12 4	12 0	13 0	12 8
Montgomery	12 12	12 8	12 12	12 8	12 12	12 8
Lahore	13 10	12 10	13 10	12 10	13 8	12 14
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 12
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	14 0	13 8	14 0	13 8	13 12	13 8
Shahpur	13 8	13 0	13 8	13 0	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	13 12	14 0	13 12	13 14	13 12
Hazára	*	11 8	*	11 8	*	11 8
Peshávar	16 0	15 0	16 0	15 0	16 0	15 0
Kohát	18 0	16 4	18 3	15 15	19 12	17 5
Bannu	22 8	20 0	22 8	20 0	21 0	20 0
D. I. Khan	14 4	14 0	14 4	14 0	16 4	15 8
D. G. Khan	11 4	10 0	12 8	11 4	14 6	13 2
Muzaffargarh	12 4	12 0	*	11 12	12 0	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro

Prices Current Return for 30th April 1898.

Against Hissar District under head "Firewood" *read* 100 seers *for* 120 seers.

Prices Current Return for 31st May 1898.

Against Jhang District under head "Mandwa" *read* 24 seers *for* 16 seers.

Ditto	ditto	"Kangni"	"	28	"	14	"
Ditto	ditto	"Arhur"	"	8	"	4	"

OF THE PUNJAB DURING THE FORTNIGHT ENDING 30TH JUNE 1898—concluded.

15			16			1
THE ORDINARY SEER OF 80 TOLAS.						
[illegible]r.			Cotton (unginned).			
Present fortnight ending 30th June 1898.	Past fortnight ending 15th July 1898	Corresponding fortnight of 1897.	Present fortnight ending 30th June 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs C	Srs. C.	Srs C	Srs. C.	Srs. C.	Srs. C.	
9 0	9 8	9 7	7 0	7 8	7 0	Hissar.
11 0	11 0	12 0	9 0	9 0	8 0	Rohtak.
10 0	10 8	10 8	9 0	9 0	9 0	Gurgaon.
8 0	8 8	9 0	9 0	9 8	9 0	Delhi.
11 0	11 0	11 0	11 0	11 0	10 0	Karnál.
9 0	8 8	8 4	10 0	10 0	9 0	Umballa.
6 0	6 8	5 0	†	†	†	Simla.
7 0	7 0	6 0	6 0	6 0	6 0	Kángra.
7 8	7 8	8 0	9 0	9 0	8 0	Hoshiárpur.
7 8	8 0	8 0	11 0	11 0	9 8	Jullundur.
7 0	7 8	7 3	8 0	8 0	7 8	Ludhiána.
7 12	7 12	8 12	8 4	8 4	7 12	Ferozepore.
7 8	7 8	7 4	9 0	9 0	7 0	Mooltan.
8 0	8 0	8 0	10 0	10 0	8 0	Jhang
8 8	8 8	8 8	10 0	10 0	‡	Montgomery.
7 12	7 10	9 0	9 8	9 8	7 12	Lahore.
8 0	8 0	9 8	9 12	9 12	7 12	Amritsar.
9 0	9 0	10 0	9 0	9 0	8 0	Gurdáspur.
8 0	8 0	9 8	8 0	8 0	8 0	Siálkot.
8 0	8 0	8 8	9 0	9 0	8 0	Gujrát.
8 4	8 4	9 0	10 0	10 0	9 0	Gujránwála.
8 0	8 0	8 8	10 0	9 0	10 0	Shahpur.
8 8	8 8	9 12	‡	‡	‡	Jhelum.
8 4	8 4	9 4	8 12	8 12	8 12	Ráwalpindi.
7 0	7 0	7 4	§	§	§	Hazára.
6 10	6 10	7 11	8 12	8 12	8 14	Peshávar.
7 11	7 11	9 9	11 8	11 8	11 8	Kohát.
10 10	11 14	12 8	11 4	8 12	10 0	Bannu.
8 10	8 12	10 0	14 0	14 0	10 0	D. I. Khan.
6 4	6 4	6 4	§	11 4	§	D. G. Khan.
8 0	7 8	8 8	11 0	11 0	8 0	Muzaffargarh.

RRMARKS ON CURRKNT VARIATIONS

Lahori Salt.—Prices average 12 seers 4 chatáks as compared with 12 seers 5 chatáks in last fortnight and 13 seers 3 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Delhi ...	11 0	12 0	12 0
Kángra ...	11 0	10 0	10 0
Jhang ...	12 8	12 0	11 8

Kohát Salt.—Prices average 15 seers 1 chaták as compared with 15 seers 4 chatáks in last fortnight and 16 seers 3 chatáks in corresponding period of 1897. The chief variations in each Divisicn from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Kohát ...	17 5	15 15	16 4
D. G. Khan ...	13 2	11 4	10 0

Gur.—Prices average 8 seers 4 chatáks as compared with 8 seers 5 chatáks in last fortnight and 8 seers 14 chatáks in corresponding period of 1897 The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Delhi ...	9 0	8 8	8 0
Ferozepore ...	6 0	7 0	7 0
Amritsar ...	9 8	8 0	8 0
Siálkot ...	9 8	8 0	8 0
Kohát ...	9 9	7 11	7 11
D. I. Khan ...	10 0	8 12	8 10

Cotton (*unginned*).—Prices average 9 seers 8 chatáks as compared with 9 seers 8 chatáks in last fortnight and 8 seers 8 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Umballa ...	9 0	10 0	10 0
Jullundur ...	9 8	11 0	11 0
Amritsar ...	7 12	9 12	9 12
Gujránwála ...	9 0	10 0	10 0
Bannu ...	10 0	8 12	11 4
D. I. Khan ...	10 0	14 0	14 0

sale salt sold.
duced.

curable.

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUART

1	2	3	4	5	6	7	8	9	10	11	1
	WHOLESALE PRICE PER MAUND OF 82$\frac{2}{7}$										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs A. P.	Rs. A. P.	Rs.
Delhi	2 8 0	3 10 2	2 8 0	1 9 1	2 2 7	1 13 1	2 2 7	1 15 3	3 1 3	4 7 1	3
Ferozepore ...	2 0 0	5 11 5	2 5 7	1 4 0	2 4 7	2 3 7	1 10 8	1 12 5	4 0 0	4 7 1	4
Mooltan	1 11 10	2 12 1	2 10 7	1 13 0	2 5 7	1 14 6	2 1 6	2 1 6	...	3 4 3	3
Lahore	2 10 0	4 1 3	2 2 8	1 5 1	2 4 0	2 3 6	2 5 0	1 12 0	3 14 5	3 6 3	3
Amritsar	2 6 9	4 7 1	2 3 1	1 6 6	2 4 7	...	...	1 11 3	...	...	3
Ráwalpindi ...	1 7 8	5 5 1	2 8 8	1 7 9	1 14 6	1 14 6	1 11 9	2 1 6	4 4 0	3 4 0	3

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 30TH JUNE 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25
OR 40 SEERS OF 80 TOLAS EACH.												
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
20 0 0	5 0 0	4 11 4	10 10 8	34 9 6	3 5 4	8 0 0	11 6 10	...	0 8 0	0 8 0	0 10 8	125 0 0
5 11 5	5 0 0	5 0 0	13 0 0	36 0 0	2 13 0	5 0 0	11 5 1	45 0 0	0 5 3	0 4 0	...	75 0 0
6 10 8	5 0 0	5 0 0	11 7 2	37 10 3	3 4 3	10 0 0	13 5 4	...	0 5 4	0 6 4	0 10 8	70 0 0
4 11 3	4 11 3	5 0 0	12 8 9	35 8 11	2 10 0	5 11 5	12 4 11	32 8 0	1 0 0	0 6 9	...	105 0 0
...	4 11 4	...	12 4 11	...	2 5 8	...	...	...	...	0 6 1	...	...
5 0 0	4 0 0	4 10 0	13 5 4	29 1 6	2 15 4	4 0 0	11 14 0	29 0 0	0 8 0	0 6 5	0 10 8	60 0 0

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

MORTUARY RETURN FO

Deaths registered from different causes in each district o

No.	Districts	Population according to Census of 1891.	Births.	Deaths.	Birth-rate per *mille* per annum.	Death-rate per *mille* per annum.	Plague. Males.	Plague. Females.	Plague. Total.	Cholera. Males.	Cholera. Females.	Cholera. Total.	Small-pox. Children under one year. Males.	Small-pox. Children under one year. Females.	Small-pox. One to under 12 years. Males.	Small-pox. One to under 12 years. Females.	Small-pox. Twelve and over 12 years. Males.	Small-pox. Twelve and over 12 years. Females.	Total of Small-pox.	Fevers. Males.	Fevers. Females.	Fevers. Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	775,808	1,186	1,660	18	25	...	...	...	...	...	...	...	...	1	...	1	...	2	685	583	1,268
2	Rohtak ...	590,446	996	1,320	20	26	...	...	...	...	...	...	...	1	...	...	...	...	1	512	513	1,025
3	Gurgaon ...	668,863	1,424	2,213	25	39	...	...	...	...		...	2	2	22	5	...	...	31	843	812	1,655
4	Delhi ...	635,224	1,228	1,894	23	35	...	...	...	..	...	..	...	2	14	14	...	...	20	545	566	1,111
5	Karnál ...	861,094	2,006	3,488	27	48	...	...	...	...	...	...	28	21	68	54	...	...	171	1,162	1,060	2,222
6	Umballa ...	804,849	1,709	2,235	25	33	...	...	...	...	...	...	21	13	43	45	7	4	133	777	714	1,491
7	Simla ...	35,246	57	78	18	26	...	...	...	...	...	...	...	...	...	...	...	...	...	20	17	37
8	Kángra ...	759,458	2,003	1,964	31	30	...	...	..	...	...	...	...	...	...	...	..	...	...	708	706	1,414
9	Hoshiárpur ...	1,011,644	2,791	2,227	32	26	4	3	7	...	...	...	3	8	16	16	2	8	53	576	608	1,184
10	Jullundur ...	891,347	2,185	2,312	29	31	62	63	125	...	...	...	2	2	4	5	1	...	14	570	597	1,167
11	Ludhiána ...	648,655	1,549	1,905	28	35	...	...	...	...	...	...	3	1	18	11	..	1	34	570	590	1,160
12	Ferozepore ...	861,499	2,051	2,430	28	33	...	...	...	...	...	...	3	5	16	18	3	3	48	790	752	1,542
13	Mooltan ...	620,859	1,563	1,515	30	29	...	...	...	...	...	...	...	...	1	1	2	2	6	597	553	1,150
14	Jhang ...	436,821	1,550	1,244	42	34	...	...	...	...	...	...	1	2	...	...	...	...	3	108	66	174
15	Montgomery	499,449	1,139	906	27	21	...	...	...	...	...	...	5	4	18	10	1	2	40	244	223	467
16	Lahore ...	1,055,619	2,747	2,980	31	33	...	...	...	...	...	...	5	5	16	16	1	1	4	913	827	1,740
17	Amritsar ...	990,990	2,605	2,880	31	34	...	...	...	...	...	...	7	1	15	18	2	1	44	867	769	1,636
18	Gurdáspur ...	940,785	2,501	2,610	31	33	...	...	...	...	...	...	1	4	10	15	1	2	33	827	825	1,652
19	Siálkot ...	1,098,712	2,985	3,179	32	34	...	..	...	...	...	...	20	10	43	36	1	1	111	977	909	1,886
20	Gujrát ...	760,823	1,912	1,570	30	24	...	...	...	...	...	...	...	..	1	2	1	...	4	502	469	971
21	Gujránwála ...	690,061	2,724	2,524	46	43	..	...	...	...	...	...	...	...	...	...	1	...	1	970	925	1,895
22	Shahpur ...	493,535	1,233	1,051	29	25	...	..	...	...	...	...	...	...	1	1	...	...	2	346	350	696
23	Jhelum ...	605,774	1,368	1,224	27	24	...	...	...	...	...	...	1	...	...	...	...	...	1	421	374	795
24	Ráwalpindi ...	845,259	2,048	1,804	29	25	...	...	...	...	...	...	5	1	3	...	1	3	13	686	630	1,316
25	Hazára ...	476,125	1,722	714	43	18	...	...	...		...	...	2	2	2	9	...	...	15	217	235	452
26	Pesháwar ...	679,183	1,644	1,414	28	25	...	...	...	...	...	...	...	...	...	...	...	...	...	694	533	1,227
27	Kohát ...	182,487	412	309	27	20	...	...	...	...	...	...	...	1	6	1	...	1	9	100	121	221
28	Bannu ...	369,972	747	675	24	21	...	...	...	...	...	...	...	...	...	...	...	...	...	272	295	56
29	D. I. Khan ...	482,463	864	1,546	21	38	...	...	...	...	...	...	1	1	9	4	...	...	15	648	608	1,25
30	D. G. Khan ...	399,860	520	799	15	24	...	...	...	...	...	...	3	2	6	6	3	...	20	375	313	68
31	Muzaffargarh	381,072	714	867	22	27	..	...	...	...	...	...	1	1	2	3	...	1	8	381	376	75
	Total ...	20,553,982	50,183	53,537	29	31	66	66	132	...	...	...	114	89	335	290	28	30	886	17,903	16,919	34,82
	Total in previous month...	...	51,988	44,578	3	26	111	109	220	1	1	2	64	47	169	156	20	23	479	5,182	13,626	28,80
	Total in same month of past year ...	...	54,781	41,928	31	24	...	...	...	...	...	...	296	238	535	500	166	174	1,909	13,49	12,232	25,7

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 11th July 1898.

THE MONTH OF MAY 1898.

the Punjab during the month of May 1898.

OF DEATH.

Dysentery and Diarrhœa.			Injuries. Suicide.			Injuries. Wounding.			Injuries. Accidents.			Injuries. Snake-bite and killed by wild beasts.			All other causes.			Total Deaths from all causes.			Districts.	No.
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	2	1
15	19	34	...	...	...	...	1	1	5	5	10	1	...	1	210	134	344	918	742	1,660	Hissar.	1
11	5	16	...	...	...	...	...	...	5	6	11	...	1	1	135	131	266	663	657	1,320	Rohtak.	2
39	21	60	3	1	4	3	2	5	8	15	23	...	...	...	236	199	435	1,156	1,057	2,213	Gurgaon.	3
28	24	52	...	...	...	...	...	...	2	7	9	1	1	2	382	308	690	972	922	1,894	Delhi.	4
35	19	54	1	1	2	...	1	1	16	10	26	1	...	1	584	427	1,011	1,895	1,593	3,488	Karnál.	5
26	12	38	...	1	1	...	...	...	6	6	12	...	...	...	270	290	560	1,150	1,085	2,235	Umballa.	6
3	1	4	...	...	...	...	...	...	2	...	2	...	...	...	23	12	35	48	30	78	Simla.	7
42	37	79	1	...	1	...	...	...	16	6	22	1	...	1	221	226	447	989	975	1,964	Kángra.	8
59	39	98	...	1	1	1	1	2	16	11	27	2	1	3	459	393	852	1,138	1,089	2,227	Hoshiárpur.	9
32	30	62	...	2	2	...	1	1	13	8	21	...	...	...	482	438	920	1,166	1,146	2,312	Jullundur.	10
20	20	40	2	2	4	...	...	...	8	7	15	...	...	...	324	328	652	945	960	1,905	Ludhiána.	11
31	30	61	4	1	5	1	2	3	16	6	22	2	...	2	383	364	747	1,249	1,181	2,430	Ferozepore.	12
20	10	30	1	...	1	2	...	2	7	3	10	1	1	2	172	142	314	803	712	1,515	Mooltan.	13
19	10	29	...	...	...	...	...	...	10	7	17	2	4	6	536	479	1,015	676	568	1,244	Jhang.	14
6	5	11	...	...	...	...	...	...	6	3	9	4	1	5	193	181	374	474	432	906	Montgomery.	15
28	18	46	...	2	2	8	...	8	12	11	23	2	...	2	603	512	1,115	1,588	1,392	2,980	Lahore.	16
43	25	68	...	...	...	3	1	4	11	5	16	1	2	3	574	535	1,109	1,523	1,357	2,880	Amritsar.	17
59	55	114	1	...	1	1	2	3	11	7	18	1	...	1	419	369	788	1,331	1,279	2,610	Gurdáspur.	18
52	55	107	...	...	...	...	...	...	7	6	13	2	1	3	578	481	1,059	1,680	1,499	3,179	Siálkot.	19
19	4	23	...	...	...	2	2	4	3	4	7	...	...	...	304	257	561	832	738	1,570	Gujrát.	20
13	7	20	4	1	5	2	2	4	11	6	17	5	5	10	311	261	572	1,317	1,207	2,524	Gujránwála.	21
18	12	30	...	...	...	...	...	...	10	8	18	4	1	5	172	128	300	551	500	1,051	Shahpur.	22
22	9	31	...	...	...	...	...	...	6	6	12	...	1	1	206	178	384	656	568	1,224	Jhelum.	23
9	2	11	...	...	...	4	1	5	12	7	19	3	3	6	232	202	434	955	849	1,804	Ráwalpindi.	24
...	...	...	...	...	...	1	2	3	5	2	7	...	...	...	124	113	237	351	363	714	Hazára.	25
10	7	17	...	...	...	8	5	13	10	10	20	...	...	...	70	67	137	792	622	1,414	Peshávar.	26
...	2	2	...	...	...	5	1	6	1	...	1	1	...	1	38	31	69	151	158	309	Kohát.	27
8	7	15	...	...	...	3	...	3	...	1	1	...	1	1	49	39	88	332	343	675	Bannu.	28
28	18	46	...	...	...	2	...	2	6	6	12	1	...	1	120	94	214	815	731	1,546	D. I. Khan.	29
7	7	14	...	1	1	2	2	4	3	3	6	1	...	1	40	25	65	440	359	799	D. G. Khan.	30
2	3	5	...	...	...	...	...	...	4	3	7	1	1	2	47	41	88	438	429	867	Muzaffargarh.	31
704	513	1,217	17	13	30	48	26	74	248	185	433	37	24	61	8,494	7,388	15,882	27,994	25,543	53,537	TOTAL.	
551	345	896	16	15	31	53	16	69	219	150	369	45	21	66	7,232	6,406	13,638	23,663	20,915	44,57	Total in previous month.	
625	475	1,100	24	26	50	41	13	54	282	188	470	48	18	66	6,786	5,769	12,555	22,295	19,633	41,928	Total in same month of past year.	

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGN.-LT.-COL.,

Sanitary Commissioner, Punjab.

Remarks by the Sanitary Commissioner, Punjab.

Fifty thousand one hundred and eighty-three births were registered in the Province during the month of May 1898, giving a birth-rate of 29 per *mille* of population. Of the total number of births, 26,626 were boys and 23,557 were girls.

The total number of deaths registered from all causes in the Province during the month of May 1898 was 53,537 against 44,578 in the previous month and 41,928 in the corresponding month of the past year, giving an annual death-rate of 31, 26 and 24 per *mille* of population per annum respectively.

There were 7 deaths registered from plague in the Hoshiárpur District and 125 in the Jullundur District.

There was not a single death registered under the head of cholera.

From small-pox 886 deaths were registered against 479 in the previous month and 1,909 in the corresponding month of the past year; fevers 34,822 against 28,808 and 25,724; dysentery and diarrhœa 1,217 against 896 and 1,100.

During the month there were 30 deaths registered from suicide against 31 in the past month; wounding 74 against 69; accidents 433 against 369; snake-bite and killed by wild beasts 61 against 66; and from all other causes 15,882 against 13,638 and 12,555 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE, LAHORE:
The 11th July 1898.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGN.-LT.-COL.,
Sanitary Commissioner, Punjab.

Statement showing the number of Births registered according to classes in the several districts of the Punjab during the month of May 1898.

No.	Districts.	Christians.			Hindus.			Muhammadans.			Other Classes.			Total.			Birth-rate per *mille* per annum.	No.
		Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
1	Hissar ...	...	...	...	494	414	908	144	134	278	...	...	...	638	548	1,186	18	1
2	Rohtak ...	...	...	...	477	381	858	66	72	138	...	...	...	543	453	996	20	2
3	Gurgaon ...	1	...	1	458	370	828	315	280	595	...	...	...	774	650	1,424	25	3
4	Delhi ...	1	...	1	467	440	907	160	153	313	3	4	7	631	597	1,228	23	4
5	Karnál ...	...	...	...	784	701	1,485	255	266	521	...	...	...	1,039	967	2,006	27	5
6	Umballa ...	...	...	...	618	580	1,198	269	242	511	...	...	...	887	822	1,709	25	6
7	Simla ...	1	...	1	28	16	44	2	6	8	...	...	...	31	22	53	18	7
8	Kángra ...	2	1	3	963	954	1,917	42	41	83	...	...	...	1,007	996	2,003	31	8
9	Hoshiárpur ...	1	...	1	1,025	882	1,907	456	427	883	...	...	...	1,482	1,309	2,791	32	9
10	Jullundur ...	...	...	...	598	549	1,147	538	500	1,038	...	...	...	1,136	1,049	2,185	29	10
11	Ludhiána ...	...	...	...	535	459	994	297	258	555	...	...	...	832	717	1,549	28	11
12	Ferozepore ...	...	...	...	525	424	949	574	528	1,102	...	...	...	1,099	952	2,051	28	12
13	Mooltan ...	...	...	...	112	104	216	706	641	1,347	...	...	...	818	745	1,563	30	13
14	Jhang ...	...	...	...	150	125	275	681	594	1,275	...	...	...	831	719	1,550	42	14
15	Montgomery ...	...	...	...	134	117	251	488	400	888	...	...	...	622	517	1,139	27	15
16	Lahore ...	1	2	3	415	363	778	1,065	901	1,966	...	...	...	1,481	1,266	2,747	31	16
17	Amritsar ...	1	2	3	728	634	1,362	651	589	1,240	...	...	...	1,380	1,225	2,605	31	17
18	Gurdáspur ...	...	3	3	626	588	1,214	641	637	1,278	5	5	10	1,272	1,233	2,505	31	18
19	Siálkot ...	8	3	11	502	398	900	1,103	959	2,062	7	5	12	1,620	1,365	2,985	32	19
20	Gujrát ...	...	...	...	111	107	218	890	804	1,694	...	...	...	1,001	911	1,912	30	20
21	Gujránwála ...	1	6	7	333	263	596	1,116	1,005	2,121	...	...	...	1,450	1,274	2,724	46	21
22	Shahpur ...	...	...	...	64	81	145	544	543	1,087	1	...	1	609	624	1,233	29	22
23	Jhelum ...	...	...	...	66	48	114	695	559	1,254	...	...	...	761	607	1,368	27	23
24	Ráwalpindi ...	...	...	...	105	82	187	977	881	1,858	2	1	3	1,084	964	2,048	29	24
25	Hazára ...	...	...	...	27	34	61	862	799	1,661	...	...	...	889	833	1,722	43	25
26	Peshávar ...	...	...	...	23	20	43	926	674	1,600	...	1	1	949	695	1,644	28	26
27	Kohát ...	...	...	...	3	11	14	210	188	398	...	...	...	213	199	412	27	27
28	Bannu ...	...	...	...	40	38	78	376	293	669	...	...	...	416	331	747	24	28
29	Dera Ismail Khan	...	...	...	40	36	76	434	354	788	...	...	...	474	390	864	21	29
30	Dera Gházi Khan	...	...	...	24	21	45	264	209	473	2	...	2	290	230	520	15	30
31	Muzaffargarh ...	...	...	...	32	32	64	335	315	650	...	...	...	367	347	714	22	31
	Total ...	17	17	34	10,507	9,272	19,779	16,082	14,252	30,334	20	16	36	26,626	23,557	50,183	29	

Sanitary Commissioner's Office, Lahore:
The 11th July 1898.

W. A. CRAWFORD ROE, F. R. C. S., Brigade-Surgeon-Lt.-Col.,
Sanitary Commissioner, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 25TH JUNE 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	4	5	9	18	11	7	...	...	...	11	...	...	7	3	1	4	28	56	1
2		Hansi ...	15,190	5	3	8	5	2	3	...	...	...	1	...	...	4	...	2	2	27	17	2
3		Bhiwani ...	35,487	10	5	15	26	11	15	...	...	...	10	...	...	16	1	7	8	22	38	3
4		Sirsa ...	16,415	1	4	5	7	1	6	...	...	...	3	...	1	3	...	...	...	16	22	4
5	Rohtak ...	Rohtak ...	16,191	3	3	6	13	7	6	...		..	7	...	..	6	1	...	1	19	42	5
6		Jhajjar ...	11,881	2	3	5	1	8	5	..		...	9	1	...	3	2	1	3	22	57	6
7	Gurgaon ...	Rewari ...	27,934	5	5	10	19	11	8	...	...	..	9	2		8	3	1	4	19	35	7
8		Palwal ...	11,227	1	2	3	12	7	5	..	..	1	8	..	...	3	2	3	5	14	56	8
9	Delhi ...	Delhi ...	180,64[illegible]	58	42	100	184	83	101	...	.	5	108	6	...	65	22	22	44	27	51	9
10		Sonepat ...	12,611	5	5	10	10	6	4	...	...	..	5	4	...	1	1	1	2	41	41	10
11	Karnal ...	Karnal ...	21,530	11	5	16	32	16	16	...	...	...	10	5	...	17	5	6	11	39	77	11
12		Kaithal ...	15,768	5	7	12	18	1	7	...	...	..	7	1	1	9	3	2	5	40	60	12
13		Panipat ...	27,547	3	8	11	28	12	16	...	...		11	...	..	17	3	5	8	21	53	13
14		Shahabad ...	11,473	1	1	2	3	1	2	...	...	...	1	...	...	2	...	2	2	9	14	14
15	Umballa ...	Umballa ...	26,856	6	4	10	9	4	5	...	...	..	2	3	...	4	...	2	2	19	17	15
16		Jagadhri ...	13,029	2	1	3	8	4	4	...	...	...	6	...	...	2	3	1	4	12	32	16
17		Sadhaura ...	10,445	8	...	8	1	...	1	...	...	...	...	...	...	1	...	...	...	40	5	17
18	Hoshiarpur	Hoshiarpur ...	Returns not received.																			18
19		Tanda and Urmar																				19
20	Jullundur ...	Jullundur ...	50,375	12	10	22	29	12	17	...	...	...	15	2	...	12	6	4	10	23	30	20
21		Rahon ...	10,667	...	4	4	6	2	4	...	...	...	3	...	...	3	1	...	1	20	29	21
22		Kartarpur ...	10,441	3	2	5	13	10	3	...	...	...	12	...	...	1	3	...	3	25	65	22
23	Ludhiana ...	Ludhiana ...	46,024	11	5	16	28	17	11	...	...	...	13	3	...	12	1	2	3	18	32	23
24		Jagraon ...	18,116	4	2	6	8	2	6	...	..	...	4	...	1	3	..	2	2	17	23	24
25	Ferozepore ...	Ferozepore ...	25,337	4	1	5	10	5	5	..	..	...	6	...	...	4	3	2	5	10	21	25
26	Mooltan ...	Mooltan ...	64,265	11	12	23	35	16	19	..		..	16	1	1	17	3	6	9	19	28	26
27	Jhang ...	Maghiana ...	13,866	8	5	13	12	10	2	...	...	...	1	...	...	11	3	1	4	49	45	27
28		Chiniot ...	13,476	5	1	6	14	3	11	...	...	...	5	...	...	9	...	2	2	23	54	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	37	32	69	146	82	64	...	...	...	98	4	...	44	23	14	37	23	48	29
30		Kasur ...	20,290	6	4	10	10	4	6	...	...	...	4	...	...	6	...	2	2	26	26	30
31		Chunian ...	10,339	5	3	8	8	4	4	...	...	...	...	1	...	7	2	1	3	40	40	31
32	Amritsar ...	Amritsar ...	135,401	45	29	74	134	65	69	...	...	...	59	7	...	68	17	13	30	28	52	32
33	Gurdaspur ...	Batala ...	27,223	5	7	12	14	5	9	...	...	...	7	...	...	6	...	2	2	23	27	33
34	Sialkot ...	Sialkot ...	33,965	12	17	29	25	12	13	...	...	...	8	...	...	17	2	4	6	45	38	34
35	Gujrat ...	Gujrat ...	17,671	6	6	12	18	14	4	...	...	...	12	1	...	5	3	2	5	35	53	35
36		Jalalpur ...	11,065	1	3	4	6	5	1	...	...	...	3	1	...	2	1	...	1	19	28	36
37	Gujranwala...	Gujranwala ...	25,892	8	13	21	21	14	7	...	...	...	11	...	...	10	1	3	4	42	42	37
38		Wazirabad ...	15,786	2	6	8	10	8	2	...	...	...	3	1	1	5	1	...	1	26	33	38
39	Shahpur ...	Bhera ...	17,428	6	4	10	10	2	8	...	...	...	5	1	...	4	1	2	3	30	30	39
40	Jhelum ...	Pind Dadan Khan	15,055	3	1	4	14	7	7	...	...	...	10	2	...	2	1	...	1	14	48	40
41	Rawalpindi ...	Rawalpindi ...	38,334	1	7	8	25	21	4	...	...	...	14	1	1	9	2	2	4	11	34	41
42	Peshawar ...	Peshawar ...	63,079	12	8	20	40	20	20	...	...	...	31	1	1	7	5	4	9	17	33	42
43	Kohat ...	Kohat ...	14,347	...	2	2	3	...	3	...	...	...	2	...	...	1	...	1	1	7	11	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	3	3	6	22	8	14	...	...	...	18	3	...	1	1	3	4	15	53	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	1	...	1	11	5	6	...	...	...	7	1	...	3	...	...	...	2	24	45
	Grand Total	...	1,383,597	341	290	631	1,078	548	530	...	...	7	575	52	7	437	129	128	257	24	41	
	Hill Sanitaria.																					
	Simla		13,279	1	5	6	7	3	4	...	...	...	4	...	...	3	1	...	1	24	27	
	Dharmsala		2,778	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	38	...	
	Dalhousie		807	...	...	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...	65	
	Murree		1,459	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	36	

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
Lahore:
The 12th July 1898.

W. A. CRAWFORD ROE, F.R.C.S., Bde.-Surg.-Lieut.-Col.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 25TH JUNE 1898.

Births and Deaths in Municipal Towns.—In the 43 large Municipal towns 631 births were registered (341 males and 290 females), giving a birth-rate of 24 per *mille* of population; 1,078 deaths were registered (548 males and 530 females), giving a death-rate of 41 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGEON-LIEUT.-COLONEL,

Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 12th July 1898.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for the last 12 days of June 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic Train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period	32,327	27,368 12 0	150,964 20	17,288 0 0	108 0 0	44,764 12 0	12,321	3,333	15,654
Or per mile of Railway	...	168 11 1	...	106 8 11	0 10 8	275 14 8	...	...	...
For previous $24\frac{1}{7}$ weeks of half-year	*669,621	*5,08,768 1 0	†2,333,035 10	†3,52,334 1 0	‡7,508 0 0	8,68,610 2 0	184,405	113,455	297,860
Total for $25\frac{6}{7}$ weeks ...	701,948	5,36,136 13 0	2,483,999 30	3,69,622 1 0	7,616 0 0	9,13,374 14 0	196,726	116,788	313,514
COMPARISON.									
Total for corresponding 11 days of previous year ...	28,012	25,430 13 10	132,522 30	17,196 4 6	133 5 6	42,760 7 10	11,068	5,734¼	16,802¼
Per mile of Railway corresponding period of previous year.	...	158 7 8	...	107 2 7	0 13 3	266 7 6	...	...	...
Total for corresponding $25\frac{6}{7}$ weeks of previous year ...	454,418½	3,94,405 8 3	2,080,651 30	2,76,297 11 5	7,274 7 3	6,77,977 10 11	173,846	99,389¼	273 235¼

* Added No. of passengers 380 and deducted Rs. 1,566 on account of difference between the Approximate and Audited figures for the weeks ended 21st and 28th May 1898.
Do. do. 171 and „ „ 61 on account of Supplemental figures for 31st March 1898.
Do. „ 23,632 on account of troop extra trains and conveyance of employés of the Government Telegraph Department.

† Added Mds. 37,880 and Rs. 4,920 on account of difference between the Approximate and Audited figures for the weeks ended 21st and 28th May 1898.
Do. „ 3,700 and deducted „ 1,216 on account of Supplemental figures for 31st March 1898.
Deducted „ 318,200 and „ 8,341 on account of Revenue coal and stores for the half-year.

‡ Deducted Rs. 59 on account of difference between the Approximate and Audited figures for the weeks ended 21st and 28th May 1898.
Added „ 5,486 not having been included in previous Returns.

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 6th July 1898.

T. BASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore—14-7-98—690

No. 29 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JULY 21, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 19th JULY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	2·18 at Sadr ... 2·13 in Hánsi ... 0·81 in Bhiwáni. 1·25 in Fatahabad. 0·69 in Sirsa.	1. Sufficient ... 2. Good.	Wheat 16 seers ... Gram 24 seers. Bájra 23 seers.	Recent rainfall has proved beneficial for kharif sowings. Canal crops in fair condition.	...
2	Delhi ...	2·60 at Sadr ...	1. Sufficient ... 2. Good.	Wheat 15 seers ... Gram 20 seers. Bájra 21 seers.	Sowings in progress	...
3	Umballa ...	2·17 at Sadr ...	1. Sufficient ... 2. Good.	Wheat 18 seers ... Gram 21½ seers. Maize 28 seers.	Sowings in progress	...
4	Jullundur ...	Good rainfall throughout.	1. Sufficient ... 2. Good.	Wheat 19½ seers Gram 21¾ seers. Barley 24 seers.	Sowings in progress ...	Stock of food grain sufficient.
5	Ferozepore ...	3·76 at Sadr ... 3·77 in City. 2·85 in Moga. 3·57 in Zira. 0·13 in Muktsar. 1·37 in Fázilka. 1·43 in Nathána. 2·59 in Jalálabad.	1. Sufficient ... 2. Good.	Wheat 17 seers ... Gram 23 seers. Maize 14 seers. Jowár 16 seers. Bájra 16 seers. Barley 32 seers.	Sowings continue ...	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	0·24 at Sadr ... 0·23 in Lodhrán. 0·11 in Mailsi. 1·91 in Kabírwála.	2. Good ...	Wheat 16½ seers	Crops in good condition ...	...
7	Lahore ...	1·96 at Sadr ... 1·13 in Chunián. 1·69 in Kasúr. 5·38 in Sharakpur.	1. Sufficient ... 2. Good.	Wheat 17 to 19 seers. Maize 16 seers.	Sowings in progress. Standing crops generally in good condition and promise well owing to good rainfall.	...
8	Amritsar ...	3·96 average ...	1. Sufficient ... 2. Good.	Wheat 19 seers ... Maize 20 seers.	Crops in good condition ...	...
9	Siálkot ...	5·90 average ...	1. Sufficient ... 2. Good.	Wheat 16½ to 17½ seers. Rice 9 to 9½ seers.	Crops being sown ...	...
10	Shahpur ...	2·25 at Sadr ... 3·55 in Khusháb. 2·23 in Bhera.	1. Sufficient ...	Wheat 19 to 24 seers. Bájra 16 to 21 seers.	Crops being sown ...	...
11	Ráwalpindi ...	2·12 at Sadr ... 1·09 in Pindigheb. 2·27 in Fatahjang. 2·75 in Attock. 2·76 in Gujar Khan. 5·85 in Kahúta. 6·43 in Murree.	1. Sufficient ...	Wheat 18 seers ... Bájra 22 seers. Maize 26 seers.	Sowings in progress. Locusts passed over Pindigheb Tahsíl.	...
12	Peshâwar ...	...	1. Sufficient ... 2. Good.	Wheat 16 seers ... Maize 26 seers.	Crops being sown. Condition of standing crops good.	...
13	D. I. Khan ...	0·05 at Sadr ... 0·10 in Tánk. 3·18 in Sheikh Budín	1. Sufficient ... 2. Good.	Wheat 19 $\frac{1}{16}$ seers Bájra 25 seers.	Condition of standing crops good	..

GENERAL REMARKS.

Rainfall.—Good rain ranging from ¾ of an inch to 6 inches on the average has fallen in all districts except Peshâwar.

Prices.—Prices, especially of wheat, have risen in Dera Ismail Khan, and fallen in Shahpur, Ráwalpindi, and Peshâwar. No change in other districts. Prices of autumn grains have risen in some districts owing to demand for sowing purposes. Wheat is selling from 15 to 24, gram 20 to 24, barley 24 to 32, bulrush millet 16 to 25, maize 14 to 28, great millet 16, and rice 9 to 9½ seers per rupee.

Agricultural operations.—Sowings of autumn crops in progress. Recent rain helped further sowings.

Crops and outturn.—Standing crops are generally reported in good condition. The prospects of autumn crops have been improved by recent rain.

Damage done to Crops.—Locusts appeared in parts of Ráwalpindi, but no damage is reported.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient throughout the Province.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING MAY 1898.

Station.	Pressure.		Wind.		Temperature in shade.								
	Barometer at 8 A. M.	Variation from normal.	Mean direction and force in May 1898.	Normal direction and force in May.	8 A. M.	Mean maximum.	Variation from normal.	Mean minimum.	Variation from normal.	Mean monthly variation from normal.	Humidity.	Vapour tension.	Amount of cloud, (10 overcast).
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Delhi ...	29·619	—·007	N. 52° W. 6	N. 49° W. 4	86·0	103·4	—0·9	79·8	+ 0·6	—0·2	39	·464	3
Sirsa ...	29·607	—·006	S. 9° E. 6	N. 83° W. 5	86·0	105·6	—0·6	76·2	+ 0·3	—0·2	38	·434	2
Umballa ...	29·610	?	N. 21° W. 3	? ?	83·3	104·6	?	74·2	?	?	42	·478	3
Ludhiána ...	29·607	—·018	N. 81° E. 3	N. 57° W. 2	85·5	104·2	+ 0·3	75·7	+ 1·9	+ 1·1	38	·456	4
Lahore ...	29·605	—·007	N. 43° E. 4	N. 7° E. 3	83·5	101·9	—0·9	74·4	+ 2·3	+ 0·7	43	·482	2
Montgomery ...	29·601	+ ·040?	N. 84° E. 8	? ?	89·8	106·4	— 1·7	75·6	— 2·4	— 2·1	28*	·402*	1
Siálkot ...	29·612	—·002	N. 35° E. 2	N. 2° E. 3	85·7	102·1	—0·3	73·6	—0·1	—0·2	37	·437	2
Ráwalpindi ...	29·611	—·001	N. 3° W. 3	N. 79° W. 3	81·9	97·5	+ 0·3	68·0	+ 0·4	+ 0·4	39	·392	4
Khushâb ...	29·619	?	N. 48° E. 7	? ?	86·5	101·5	?	74·5	?	?	3	·390	2
Pesháwar ...	29·625	—·011	N. 80° W. 4	N. 25° E. 5	81·6	96·9	—0·8	68·1	—1·4	—1·1	43	·433	4
Dera Ismail Khan	29·638	+ ·002	N. 33° E. 4	N. 79° E. 2	84·8	100·7	—1·6	73·0	—0·6	—1·1	45	·532	2
Mooltan ...	29·617	—·001	N. 65° E. 2	S. 35° W. 3	87·0	107·2	+ 2·5	78·1*	+ 2·0*	+ 2·3	38	·473	1
Simla ...	23·062	—·009	N. 44° E. 5*	S. 66° W. ?	63·5	73·0	+ 1·4	57·5	+ 0·2	+ 0·8	42	·234	4
Murree ...	23·782	0	S. 47° E. 7	S. 18° E. 8	65·5	73·9	—2·0	59·3	+ 0·6	—0·7	40	·235	3
Srinagar ...	24·841	?	S. 50° E. 5	? ?	58·4	74·0	?	48·0	?	?	79	·387	4
Skardu ...	22·848	?	N. 9° E. 6	? ?	58·1	70·1	?	49·2	?	?	63	·300	4
Dras ...	20·774	?	S. 72° W. 6	? ?	49·9	65·9	?	33·0	?	?	86	·315	4
Cherát ...	25·587	?	N. 10° W. 10	? ?	71·8	84·6	?	65·2	?	?	41	·296	3

* Mean of 30 days.

At the commencement of the month ordinary hot weather conditions prevailed over the Province. Hot winds were reported in the south, dust haze was experienced over a considerable part of the Province, and the afternoon temperatures varied between 100° and 115° generally. These conditions lasted until the 9th. On this day the barometer fell briskly and a small storm was developed over the centre of the Punjab, which ushered in a period of unsettled weather. On the 9th showers were reported only from Umballa and Murree, but the area of unsettled thunderstorm conditions extended during the next few days, and on the 13th showers were reported from most parts of the Province. On the 14th the weather exhibited a tendency to clear up, but on the 15th another small storm appeared, and on that and the following days thunder showers were again very general. On the 17th and 18th the weather again improved, and on the latter day there was no rain anywhere, but on the 19th and 20th local showers were again reported. After the latter date the weather cleared, and with the exception of one or two unimportant thunder showers was fine till the close of the month. During the unsettled weather, between the 11th and the 17th, a considerable amount of snow fell in Chitrál, Kailang and the N. W. Himálayas generally, and this fall of snow, together with the rain over the plains, had occasioned a great reduction of temperature over a large part of India.

Pressure and Winds.—On the mean of the month the barometer was lower than usual almost everywhere, but the variations were small at most stations. The winds were more easterly than usual, and the force was higher than the average.

Temperature.—The mean temperature of the month was higher than usual at Mooltan and Ludhiána, and lower than usual at Montgomery, Pesháwar and Dera Ismail Khan, but elsewhere the variations from the average were unimportant. The hottest place was Mooltan with a mean temperature of 92°·6.

The following table shows the variations from the normal of the mean temperature of the Province on each day and the highest maximum temperature registered in the Province on each day, with the station recording it :—

Date.	Variation from normal of mean temperature of Province during the previous 24 hours.	Highest maximum temperature recorded in previous 24 hours.	Station at which recorded.	Date.	Variation from normal of mean temperature of Province during the previous 24 hours.	Highest maximum temperature recorded in previous 24 hours.	Station at which recorded.
1	2	3	4	1	2	3	4
1898.				1898.			
May 1st ...	+ 6·[illegible]	113·4	Mooltan.	May 17th ...	— 9·0	98·3	Mooltan.
" 2nd ...	+ 7·1	113·1	Montgomery.	" 18th ...	— 6·2	99·0	Umballa.
" 3rd ...	+ 8·8	114·1	Do.	" 19th ...	— 6·6	100·9	Mooltan
" 4th ...	+ 4·4	112·3	Sirsa.	" 20th ...	— 5·7	101·0	Montgomery.
" 5th ...	+ 3·9	112·4	Mooltan.	" 21st ...	— 8·9	101·4	Mooltan.
" 6th ...	+ 6·7	114·5	Do.	" 22nd ...	— 5·0	103·4	Do.
" 7th ...	+ 5·4	116·5	Do.	" 23rd ...	— 2·4	107·9	Do.
" 8th ...	+ 9·0	117·0	Do.	" 24th ...	— 0·7	105·8	Sirsa.
" 9th ...	+ 7·6	115·0	Do.	" 25th ...	+ 0·9	109·4	Mooltan.
" 10th ...	+ 2·6	112·4	Do.	" 26th ...	+ 4·1	113·9	Do.
" 11th ...	+ 4·0	109·3	Sirsa.	" 27th ...	+ 3·9	111·5	Montgomery.
" 12th ...	— 0·3	109·9	Umballa.	" 28th ...	+ 0·3	112·3	Sirsa.
" 13th ...	— 9·7	94·8	Mooltan.	" 29th ...	+ 0·1	110·4	Ludhiána.
" 14th ...	— 9·5	98·5	Umballa.	" 30th ...	+ 1·3	113·6	Montgomery.
" 15th ...	— 6·9	98·0	Do.	" 31st ...	+ 3·5	117·1	Do.
" 16th ...	— 9·3	99·0	Do.				

From the 1st to the 11th the mean temperature was excessive, the hottest day relatively to the normal being the 8th, when the mean temperature of the whole Province was 9° above the normal and the thermometer rose to 117° at Mooltan. Then with the occurrence of rain on the plains and of snow on the hills the temperature fell suddenly, and on the 13th, 14th, 16th and 17th was 9° or more below the normal. The spell of cool weather lasted until the 24th, when with the return of finer weather the heat increased and ranged above the normal from the 25th to the end of the month. The highest maximum recorded throughout the month was 117·1° at Montgomery on the last day.

Humidity and Cloud.—Both humidity and cloud were perhaps slightly above the normal average.

Rain.—There was no rain throughout the month either at Mooltan or Montgomery, but every other station received some, the amount received ranging from 3·04″ at Khusháb, 2·89″ at Murree and 2·64″ at Srinagar to 0·08″ only at Ludhiána. At six stations, *viz.*, Dera Ismail Khan, Khusháb, Peshâwar, Srinagar, Lahore and Sirsa, the total exceeded the normal, but at the remaining eleven stations it was less than usual. The excess was very large at Khusháb, and at Peshâwar and Sirsa about twice the usual fall was received. In Chitrál, Kashmir and probably over the N. W. Himálayas generally the snowfall was heavier than usual.

The following table gives the rainfall data for the Punjab stations for May 1898:—

STATION.	Normal average rainfall in May.	Actual rainfall in May 1898.	Difference from the average in May 1898.
1	2	3	4
Punjab, West.	Inches.	Inches.	Inches.
Mooltan	0·42	0	— 0·42
Dera Ismail Khan	0·40	0·41	+ 0·01
Khusháb	0·41	3·04	+ 2·63
Peshâwar	0·75	1·37	+ 0·62
Murree	3·50	2·89	— 0·61
Srinagar	2·31	2·64	+ 0·33
Skardu	1·01	0·54	— 0·47
Dras	?	0·89	?
Cherât	1·45	1·12	— 0·33
Râwalpindi	1·80	1·13	— 0·67
Siálkot	1·23	1·06	— 0·17
Lahore	1·03	1·06	+ 0·03
Montgomery	0·47	0	— 0·47
Punjab, East.			
Umballa	0·97	0·47	— 0·50
Ludhiána	0·78	0·08	— 0·70
Simla	3·64	1·21	— 2·43
Delhi	0·78	0·60	— 0·18
Sirsa	0·81	1·77	+ 0·96

SIMLA:
The 11th June 1898.

W. L. DALLAS,
Meteorological Reporter to Government, Punjab.

TABLE OF RAINFALL RECORDED AT STATIONS IN TH

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	2
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, South.	Hissar.	Sirsa	...	...	...	...	...	...	...	...	...	...	...	...	...	0·32	0·72	...	...	...	...	...	...
		Fatahabad	...	...	...	...	...	...	...	...	...	0·41	...	...	...	...	1·27	...	...	...	...	...	...
		Hissar	...	0·14	...	...	...	...	...	...	...	0·61	...	...	...	...	1·30	...	...	...	...	...	...
		Hansi	...	1·31	...	...	...	...	...	...	...	0·24	...	...	...	...	0·81	...	...	...	...	...	...
		Bhiwani	...	0·30	...	...	...	...	...	...	...	...	...	...	...	...	0·80	...	...	...	...	...	...
		Budhlada	...	...	...	...	...	...	...	...	0·15	0·10	...	...	...	...	1·37	...	...	...	...	...	...
		Tohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jind State.	Dhaneta *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·50	...	...	...	...	...	...
		Safidan *C*	...	...	0·10	...	...	...	...	...	...	...	...	...	...	1·05	...	...	...	...	...	...	...
		Jind *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	1·10	...	...	...	...	...	...	...
	Bikaner State.	Chhani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ferozepore.	Moga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·87	...	...	...	...	...	...
		Zira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·51	...	...	...	...	...	...
		Ferozepore Sadr	...	...	...	...	...	...	...	...	...	0·78	...	...	...	...	1·45	...	...	...	...	...	...
		Ferozepore City	...	...	...	...	...	...	...	...	...	0·29	...	...	...	...	1·40	...	...	...	...	...	...
		Muktsar	...	...	...	...	...	...	...	...	...	0·52	...	...	...	...	1·69	...	...	...	...	...	...
		Fazilka	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·90	...	...	...	...	...	...
		Nathana	...	...	...	...	...	...	...	...	...	0·46	...	...	...	...	0·25	...	...	...	...	...	...
		Jalalabad	...	...	...	...	...	...	...	...	0·14	...	...	...	...	...	0·97	...	...	...	...	...	...
		Govindgarh *C*	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	...	...	...	...	...	...	...
		Phidda *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Montgomery.	Gugera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...	...	...	...	...
		Montgomery	...	...	...	...	...	...	...	...	...	...	...	...	...	0·45	0·18	...	...	...	...	...	...
		Pakpattan	...	...	...	...	...	...	...	...	...	...	...	...	...	0·14	0·54	...	...	...	...	...	...
		Dipalpur	...	...	...	...	...	...	...	...	0·10	0·70	...	...	...	0·12	0·87	...	...	...	...	...	...
		Sandyanwala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Central.	Gurgaon.	Farukhnagar	...	0·10	...	...	...	...	...	...	...	0·10	...	...	...	...	0·55	...	...	...	...	...	...
		Jatusana	...	...	...	...	...	...	...	...	...	...	...	...	...	0·40	0·90	...	...	...	...	...	...
		Rewari	H. 0·40	H. 0·41	...	...	...	...	...	...	0·29	...	...	...	...	...	0·50	...	...	...	...	...	...
		Shahjahanpur	...	...	...	...	...	...	...	...	0·70	...	...	...	3·00	...	...	1·50	...	...	...	...	...
		Tauru	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	0·90	...	...	...	...	...	...
		Nuh	...	0·25	...	...	...	...	...	...	...	0·30	...	...	...	...	0·54	...	...	...	...	...	...
		Firozpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·55	...	...	...	...
		Hodal	...	0·87	...	...	...	...	...	...	0·35	...	...	...	...	...	...	...	...	...	...	...	...
		Hattin	...	0·24	...	...	...	...	...	...	...	0·50	...	...	...	...	...	0·10	...	...	...	...	...
		Palwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·80	...	...	...	...	...
		Sohna	...	0·10	...	...	...	...	...	...	...	...	...	...	...	0·20	...	0·40	...	...	...	...	...
		Gurgaon	...	0·03	...	...	...	...	...	...	...	...	...	R.	0·02	R.	1·43	0·90	...	...	...	...	...
		Punahara	...	H. 0·25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rohtak.	Rohtak	...	0·15	...	...	...	...	...	...	...	...	...	...	...	...	3·20	...	...	...	...	...	...
		Gohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·65	0·32	...	...	...	...	...
		Sampla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·80	...	...	...	...	...	...
		Jhajjar	...	0·36	...	...	...	...	...	...	...	...	...	...	...	...	1·27	...	...	...	...	...	...
	Delhi.	Ballabgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·09	...	...	...	...	...
		Mahrauli	...	...	...	...	...	...	...	...	...	...	...	0·10	...	0·50	0·82	...	...	...	...	...	...
		Sadr (Delhi)	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	0·25	0·11	...	...	...	...	...
		Sonepat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·70	0·91	...	...	...	...	...

PUNJAB FOR THE MONTH OF JUNE 1898.

25 22nd.	26 23rd.	27 24th.	28 25th.	29 26th.	30 27th.	31 28th.	32 29th.	33 30th.	34	35 Number of rainy days.	36 Average number of rainy days.	37 Total rainfall for the month.	38 Average rainfall for the month.	39 Heaviest rainfall during the month.	40 Total rainfall from 31st October 1897 up to 30th June 1898.	41 Average rainfall from 31st October up to 30th June.	3 Station.	2 District.	1 Meteorological Division.
...	...	...	...	...	...	...	...	...		2	3·1	1·04	1·95	0·72	4·08	5·06	Sirsa	Hissar.	Punjab, South.
...	...	...	...	...	...	...	...	...		2	2·5	1·68	1·77	1·27	3·52	4·92	Fatahabad		
...	...	...	...	...	...	...	0·10	...		4	3·4	2·15	1 86	1·30	5 94	4·94	**Hissar**		
...	...	...	...	...	...	...	0·29	...		4	2·0	2 65	1·45	1·31	5·12	4·57	Hansi		
...	...	...	...	...	...	...	0·48	...		3	2·1	1·58	1·72	0·80	6·33	4·32	Bhiwani		
...	...	...	...	...	...	...	...	...		3	?	1·62	?	1·37	4·04	?	Budhlada		
...	...	...	...	...	...	...	...	...		...	?	...	?	...	2·29	?	Tohana		
...	...	...	...	...	...	...	...	...		1	?	·50	?	2·50	5·09	?	Dhaneta *C*	Jind State.	
...	...	...	...	...	...	...	...	0·30		3	?	1·45	?	1 05	4 60	?	Safidan *C*		
...	...	...	...	...	...	...	...	0·09		1	?	1·19	?	1·10	2·64	?	Jind *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	3·40	?	Chhani *C*	Bikaner State.	
...	...	...	...	...	...	...	...	...		1	1·7	0·87	1·34	0·87	6·34	4·40	Moga	Ferozepore.	
...	...	...	...	...	...	...	...	0·01		1	1·7	0·52	1·93	0·51	6·18	5·32	Zira		
...	...	...	...	...	...	...	...	...		2	2·1	2·23	1·70	1·45	7·90	5 66	**Ferozepore Sadr**		
...	...	...	...	...	...	...	...	...		2	?	1·69	?	1·40	8·24	?	Ferozepore City		
...	...	...	...	...	...	...	...	...		2	1·1	2·21	0·84	1·69	6·17	2·51	Muktsar		
...	...	...	...	...	...	...	...	...		2	?	1·17	?	0·90	3·50	?	Fazilka		
...	...	...	...	...	...	...	...	...		2	?	0·71	?	0·46	4·84	?	Nathana		
...	...	...	...	...	...	...	...	...		2	?	1·11	?	0 97	3·67	?	Jalalabad		
...	...	...	...	...	...	...	...	...		1	?	0·20	?	0·20	1·80	?	Govindgarh *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	2·40	?	Phidda *C*		
...	...	...	...	...	...	...	...	...		1	1·1	0·30	0·56	0·30	3·81	2·67	Gugera	Montgomery.	
...	...	...	...	...	...	...	...	...		2	2·0	0 63	1 30	0·45	2 24	3·53	**Montgomery**		
...	...	...	...	...	...	...	...	...		2	1·6	0 68	0·78	0·54	1·55	2·48	Pakpattan		
...	...	...	...	...	...	...	...	...		4	1·8	1·79	1·03	0·87	4·75	2·85	Dipalpur		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Sandyanwala *C*		
...	...	...	...	...	...	...	...	0·30		4	?	1·05	?	0·55	4·21	?	Farukhnagar	Gurgaon.	Punjab, Central.
...	...	...	...	...	...	...	...	0·60		3	?	1·90	?	0·90	3·20	?	Jatusana		
...	...	...	...	...	...	...	...	0·65		5	2·[illegible]	2·28	2·20	0·65	4·96	4·42	Rewari		
...	...	...	...	...	...	...	...	1·85		4	?	7·05	?	3·00	9 61	?	Shahjahanpur		
...	...	...	...	...	...	...	...	...		1	?	0·94	?	0·90	5·50	?	Tauru		
...	...	...	...	...	...	...	...	0·65		4	3·0	1·74	2·80	0·65	5·67	5·06	Nuh		
...	...	...	...	...	...	...	...	0·67		2	2·8	1·22	1·75	0·67	4·32	3·32	Firozpur		
...	...	...	...	...	...	...	...	0·02		2	?	1·24	?	0 87	3·91	?	Hodal		
...	...	...	...	...	...	...	...	1·10		4	?	1·94	?	1·10	6 51	?	Hattin		
...	...	...	...	...	...	...	...	...		1	2·3	0·80	1·52	0·80	5·03	4·25	Palwal		
...	...	...	...	...	...	...	...	...		3	?	0·70	?	0·40	3·10	?	Sohna		
...	...	...	...	...	...	...	...	0·15		3	3·7	2·53	2 59	1·43	5·63	5·79	**Gurgaon**		
...	...	...	...	...	...	...	...	1·35		2	?	1·60	?	1·35	5·05	?	Punahana		
...	...	...	...	...	...	...	...	0·75		3	3·2	4·10	2 47	3·20	8·08	5 46	**Rohtak**	Rohtak.	
...	...	...	...	...	...	...	...	0·80		3	2·4	3·77	1·90	2·65	7·48	5·31	Gohana		
...	...	...	...	...	...	...	...	0·19		2	2·6	1·99	2·03	1·80	5·48	4·71	Sampla		
...	...	...	...	...	...	...	...	0·86		3	3·3	2·49	2·09	1·27	6·52	4·85	Jhajjar		
...	...	...	...	...	...	...	...	0·50		1	3·9	0·59	3·15	0·50	4·04	5·80	Ballabgarh	Delhi.	
...	...	...	...	...	...	...	...	0·60		4	?	2·02	?	0·82	5·19	?	Mahrauli		
...	...	...	...	...	...	...	...	0·10		3	3·6	0·50	3·26	0·25	3·96	7·32	**Sadr (Delhi**		
...	...	...	...	...	...	...	...	2·04		3	2·6	4·65	2·55	2·04	7·79	6·04	Sonepat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Central—*concluded.*	Karnal.	Panipat	...	...	...	...	...	...	...	...	0'05	...	...	...	...	0'55	1'92	0'09	...	...	...	...	...
		Karnal	...	...	...	...	...	...	...	...	...	...	...	...	...	0'40	3'10	...	...	...	...	...	...
		Rajaund	...	...	...	...	...	...	...	...	...	...	...	...	0'15	1'00	...	...	...	...	...	...	...
		Kaithal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1'52	...	...	...	...	...	...
		Gulah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1'10	...	...	...	...	...	...
		Thansear	...	...	...	...	...	...	...	...	...	...	...	...	1'80	0'92	3'36	...	...	...	...	...	...
	Lahore.	Van *C*	...	...	...	...	...	...	...	...	0'20	...	...	...	...	...	2'00	...	...	...	...	...	...
		Chunian	...	...	...	...	...	...	...	...	...	...	...	...	0'04	...	0 85	...	...	...	...	...	...
		Kasur	...	...	...	...	...	...	...	...	...	...	...	...	0'48	...	0'12	...	...	...	...	...	...
		Pambe *C*	...	...	...	...	...	...	...	...	...	...	...	0'01	...	...	0'02	...	...	...	...	...	...
		Sharakpur	...	...	...	...	...	...	...	...	...	...	...	0'24	0'03	...	0'22	...	...	...	...	...	...
		Niaz Beg *C*	...	...	...	...	...	...	...	...	...	...	..	...	1'83	...	...	...	...	...	...	...	...
		Lahore	...	...	...	...	...	...	...	...	...	0'12	...	...	0'90	...	...	...	...	...	...	...	...
		Meean Meer *C*	...	...	...	...	...	...	...	...	...	...	...	1'83	...	...	0'35	...	...	...	...	...	...
		Manihala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'40	...	...	...	...	...	...
		Dafthu *C*	...	...	...	...	...	...	...	...	...	...	...	2'03	...	...	...	...	...	...	...	...	...
		Nijabat *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'20	...	...	...	...	...	...
Punjab, Submontane.	Umballa.	Jagadhri	...	...	...	...	...	...	...	...	...	...	...	...	0'24	1'32	0'52	...	...	...	...	...	0'12
		Umballa	...	...	...	...	...	...	...	...	...	0'56	...	...	0'31	0'07	1'76	...	...	...	...	0'20	...
		Naraingarh	...	...	...	...	...	...	...	...	...	0'35	...	...	2'40	0'99	1'42	...	...	0'10	...	...	...
		Kharar	...	...	...	...	...	...	...	...	...	...	...	0'38	0'75	1'53	...	...	...	...	...	0'17	...
		Rupar	...	...	...	...	...	...	...	...	...	...	...	...	...	0'75	2'20	...	...	...	...	...	...
		Dadupur *C*	...	...	...	...	...	...	...	...	...	0'10	0'10	...	0'70	1'10	0'60	...	...	...	...	...	...
	Patiala State.	Kotra *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'80	...	...	...	...	...	...
		Jodhpur *C*	...	...	...	...	...	...	...	...	...	0'27	...	...	...	...	1'34	...	...	...	...	...	...
		Raniki *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1 95	...	...	...	...	...	...
		Lehal *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2'60	...	...	...	...	...	...
		Gujran *C*	...	...	...	...	...	...	...	...	...	..	...	...	...	...	2'60	...	...	...	...	...	...
		Barthala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4'10	...	...	...	...	...	...
	Nabha State.	Dadahur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1'30	...	...	...	...	...	...
		Bundher *C*	...	...	...	...	...	...	...	...	...	0'22	...	...	...	...	1'54	...	...	...	...	...	...
	Ludhiana.	Samrala	...	...	...	...	...	...	...	...	...	...	0'07	...	...	0'50	2'25	...	...	...	...	...	0'12
		Ludhiana	...	...	...	...	...	...	...	...	...	...	...	...	..	...	1'21	...	...	...	...	...	0'15
		Jagraon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'96	...	...	...	...	...	...
	Jullundur.	Jullundur	...	...	...	...	...	...	...	...	...	...	...	0'20	...	0'80	...	...	...	...	...	...	...
		Nakodar	...	...	...	...	...	...	...	...	0'10	...	...	...	...	...	0'92	...	...	...	...	...	0'10
		Phillour	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1'10	...	...	...	...	...	0'08
		Nawashahr	...	...	...	...	...	...	...	...	...	...	...	...	0'09	...	1'74	...	...	...	...	...	...

Punjab for the month of June 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 31st October 1897 up to 30th June 1898.	Average rainfall from 31st October up to 30th June.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	0·60		3	2·8	3·21	2·47	1·92	6·50	5·81	Panipat	Karnal.	Punjab, Central—*concluded.*
...	...	...	...	...	...	...	...	0·43		3	4·7	3·93	4·11	3·10	10·07	9·76	**Karnal**		
...	...	...	...	...	...	...	...	...		2	?	1·15	?	1·00	3·04	?	Rajaund		
...	...	...	...	...	...	...	...	0·12		2	2·0	1·64	2·53	1·52	4·28	5·57	Kaithal		
...	...	...	...	...	...	...	...	...		1	?	1·10	?	1·10	5·16	?	Gulah		
...	...	...	...	...	...	...	...	0·72		4	1·9	6·80	2·94	3·36	13·95	7·11	Thanesar		
...	...	...	...	...	...	...	...	...		2	2·6	2·20	2·03	2·00	7·00	6·39	Van *C*	Lahore.	
...	...	...	...	...	...	...	...	...		1	1·5	0·89	1·58	0·85	5·39	4·49	Chunian		
...	...	...	...	...	...	...	...	...		2	1·8	0·60	1·39	0·48	6·44	3·75	Kasur		
...	...	...	...	...	...	...	...	...		0	2·5	0·03	1·86	0·02	5·08	5·79	Pambe *C*		
...	...	...	...	...	...	...	...	...		2	1·7	0·49	0·86	0·24	5·59	3·33	Sharakpur		
...	...	...	...	...	...	...	...	...		1	1·8	1·83	1·08	1·83	6·91	6·23	Niaz Beg *C*		
...	...	...	...	...	...	...	...	...		2	1·8	1·02	1·35	0·90	7·51	5·65	**Lahore**		
...	...	...	...	...	...	...	...	...		2	2·7	2·18	2·14	1·83	9·14	8·58	Meean Meer *C*		
...	...	...	...	...	...	...	...	...		1	2·5	0·40	2·56	0·40	4·65	5·99	Manihala *C*		
...	...	...	...	...	...	...	...	...		1	?	2·03	?	2·03	5·33	?	Dafthu *C*		
...	...	...	...	...	...	...	...	...		1	?	0·20	?	0·20	2·78	?	Nijabat *C*		
...	...	...	...	...	...	...	...	1·08		5	3·3	3·28	4·46	1·32	9·62	11·36	Jagadhri	Umballa.	Punjab, Submontane.
...	...	...	...	...	...	...	...	0·69		5	3·8	3·59	3·86	1·76	13·58	9·31	**Umballa**		
...	...	...	...	...	...	...	...	0·65		6	3·8	5·91	3·41	2·40	11·54	9·26	Naraingarh		
...	...	...	...	...	...	...	...	0·70		5	3·7	3·53	4·01	1·53	11·37	10·01	Kharar		
...	...	...	...	...	...	...	...	1·10		3	3·0	4·05	3·05	2·20	12·17	9·27	Rupar		
...	...	...	...	...	...	...	...	1·50		6	?	4·10	?	1·50	10·80	?	Dadupur *C*		
...	...	...	...	...	...	...	...	0·40		2	?	1·20	?	0·80	2·56	?	Kotra *C*	Patiala State.	
...	...	...	...	...	...	...	...	...		2	?	1·61	?	1·34	3·96	?	Jodhpur *C*		
...	...	...	...	...	...	...	...	0·40		2	?	2·35	?	1·95	6·00	?	Raniki *C*		
...	...	...	...	...	...	...	...	1·00		2	?	3·60	?	2·60	6·75	?	Lehal *C*		
...	...	...	...	...	...	...	...	0·41		2	?	3·01	?	2·60	7·66	?	Gujran *C*		
...	...	...	...	...	...	...	...	0·27		2	?	4·37	?	4·10	9·44	?	Barthala *C*		
...	...	...	...	...	...	...	...	0·30		2	?	1·60	?	1·30	5·85	?	Dadahur *C*	Nabha State.	
...	...	...	...	...	...	...	...	0·12		3	?	1·88	?	1·54	4·59	?	Bundher *C*		
...	...	...	...	...	...	...	...	0·65		4	3·2	3·59	3·15	2·25	8·35	7·75	Samrala	Ludhiana.	
...	...	...	...	...	...	...	...	0·76		3	3·3	2·12	2·03	1·21	6·41	7·62	**Ludhiana**		
...	...	...	...	...	...	...	...	2·07		2	2·5	3·03	1·43	2·07	8·11	4·66	Jagraon		
...	...	...	...	...	...	...	1·10	1·38		4	3·7	3·48	2·56	1·38	7·74	8·50	**Jullundur**	Jullundur.	
...	...	...	...	...	...	...	...	2·07		4	2·9	3·19	3·00	2·07	8·92	7·35	Nakodar		
...	...	...	...	...	...	...	...	1·56		2	2·4	2·74	1·68	1·56	7·66	6·79	Phillour		
...	...	...	...	...	...	...	...	1·88		2	3·1	3·71	2·08	1·88	10·42	7·90	Nawashahr		

Table of Rainfall recorded at Stations in

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	
Punjab, Submontane—*concluded.*	Hoshiarpur.	Dasuya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·47	0·11	...	...	...	...	...	
		Una ...	...	...	...	...	...	...	...	...	...	0·18	...	...	0·45	0·12	0·15	...	...	...	...	...	
		Garhshankar ...	...	...	...	...	...	...	...	...	...	...	...	...	0·11	0·43	0·70	...	...	...	...	...	
		Sadr Station ...	...	...	...	...	...	...	...	...	...	0·12	...	0·10	...	1·04	0·16	...	...	...	...	...	
		Hoshiarpur ...	...	...	...	...	...	...	...	...	...	0·05	...	...	0·05	0·18	0·13	...	...	...	...	...	
	Gurdaspur.	Aliwal *C* ...	...	0·11	...	...	...	...	...	...	...	...	...	...	...	...	0·83	...	...	...	...	...	
		Batala ...	...	...	...	...	...	...	...	...	...	...	...	...	0·18	...	0·80	...	...	...	...	...	
		Tibri *C* ...	...	...	...	...	...	...	...	...	...	...	...	0·15	0·15	0·20	0·70	...	...	...	...	...	
		Gurdaspur ...	...	...	...	...	...	...	...	...	...	...	0·52	...	0·31	0·03	1·33	...	...	...	...	...	
		Pathankot ...	...	...	...	...	...	...	...	...	0·31	0·48	...	...	...	0·08	0·72	...	...	...	...	...	
		Dalhousie ...	...	...	...	...	...	...	...	...	...	0·16	...	0·15	0·11	...	1·63	...	...	...	...	...	
		Madhopur *C* ...	...	...	...	...	...	...	...	...	...	0·50	...	...	0·20	...	1·10	...	...	...	...	...	
		Shakargarh ...	...	...	...	...	...	...	...	...	0·15	...	0·22	0·17	...	0·11	0·21	...	...	...	...	...	
	Amritsar.	Buchar *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	0·76	...	0·26	...	...	...	...	...	...
		Khara *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tarn Taran ...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	0·36	...	...	...	...	...	...
		Raya *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·82	...	...	...	...	...	...
		Amritsar Jail Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·40	...	...	...	...	...	...
		Amritsar *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·75	...	...	...	...	...	0·1
		Buggeh *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·25	...	...	...	...	...	...
		Ajnala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·65	...	...	...	...	...	0·0
Punjab, Hill Division.	Simla.	Kasauli ...	...	...	...	...	...	...	...	...	0·50	...	0·35	...	0·45	...	2·00	...	...	...	...	...	...
		Barauli ...	0·20	...	...	...	...	...	...	...	0·30	1·95	...	2·04	...	1·76	...	...	...	...	...	...	...
		Simla ...	...	0 65	...	...	...	...	...	0·45	0·20	0·19	0·29	...	0·46	0·14	2·17	...	0·01	0·23	...	...	0·0
		Kot Khai ...	0·20	...	...	...	...	...	0 50	1·00	1·49	...	...	1·52	0 11	0 22	...	...	0·52	...	...	...	...
		Kotgarh ...	0·50	...	...	...	...	...	0·20	0·35	1·75	...	0·75	0·15	...	0·50	...	...	0·60	...	...	...	...
		Kilba ...	...	0·02	...	...	...	...	...	...	...	0·05	0·15	...	...	...	...	...	...	...	...	...	...
Punjab, North-West.	Kangra.	Plach ...	0·05	0·85	...	...	...	...	...	0·05	0·30	0·08	0·02	0·33	...	0·12	0·06	...	...	0·36	...	...	...
		Kulu ...	...	0·25	0·31	...	...	...	...	...	...	...	...	...	...	...	0·13	...	...	0·05	...	...	...
		Nagar ...	0·52	0·20	...	...	...	...	...	...	...	...	...	...	...	0 22	...	...	0·17	...	...	...	...
		Palampur ...	0·10	0·03	...	...	...	...	...	0·15	0·05	0·22	0·02	0·10	0·26	0·16	3·09	...	...	0·92	...	...	...
		Hamirpur ...	...	0·39	...	...	...	...	...	0·17	0·21	0·80	0·38	...	0·43	0·02	0·98	...	...	0·22	...	...	0·0
		Dera ...	...	...	...	...	...	...	...	1·60	...	0·70	...	...	0·40	...	0·40	...	...	...	...	...	...
		Kangra ...	...	...	...	...	...	...	...	...	0·30	1·42	0·85	...	2·95	0·85	1·62	...	...	0·19	...	...	...
		Dharmsala ...	0·62	1·00	...	0·12	...	...	...	0·36	0·80	0·97	...	0·08	2·27	0·44	1·03	...	...	2·18	...	...	...
		Nurpur ...	...	...	...	...	...	...	...	...	...	0·73	0·41	0·31	0·60	0·06	1·05	...	...	...	...	...	...
	Gujranwala.	Ramnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Wazirabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·09	...	...	...	...	...	...
		Gujranwala Sadr Kacheri.	...	...	...	...	...	...	...	...	...	...	...	1 00	...	...	...	...	...	...	...	...	...
		Shekhupura ...	...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	0·12	...	...	...	...	...	...
		Hafizabad ...	...	...	...	...	...	...	...	...	...	...	...	2·44	...	...	...	...	...	...	...	...	...
		Khangah Dogran ...	...	...	...	...	...	...	...	...	...	...	...	0·11	...	...	1·03	...	...	...	...	...	...
		Rampur *C* ...	...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	0·70	...	...	...	...	...	...
		Pacca Dalla *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·05	...	...	...	...	...	...
		Firoz *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·45	...	...	...	...	...	...
	Sialkot.	Zafarwal ...	...	...	...	...	...	...	...	...	...	...	...	0·36	...	...	0·30	...	...	...	...	...	...
		Pasrur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	0·50	...	...	...	...	...	...
		Raya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·70	...	...	...	...	...	...
		Daska ...	...	...	...	...	...	...	...	...	...	0·11	...	...	...	...	0·22	...	...	...	...	...	...
		Sialkot ...	...	...	...	...	...	...	...	...	...	...	0·06	0·35	...	...	0·24	...	...	...	...	...	...

***Punjab for the month of June* 1898—continued.**

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 31st October 1897 up to 30th June 1898.	Average rainfall from 31st October up to 30th June.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	3·02		3	3·0	3·60	2·67	3·02	10·45	10·36	Dasuya	Hoshiarpur.	Punjab, Submontane—*concluded.*
...	...	...	...	...	...	...	...	0·76		5	3·3	1·66	2·19	0·76	8·38	8·90	Una		
...	...	...	...	...	...	...	...	2·38		4	3·3	3·62	2·87	2·38	11·89	10·13	Garhshankar		
...	...	...	...	...	...	...	...	0·92		5	4·7	2·34	3·31	1·04	8·51	10·88	**Sadr Station**		
...	...	...	...	...	...	...	...	1·20		4	?	2·21	?	1·20	8·30	?	Hoshiarpur		
...	...	...	...	...	...	...	...	...		2	3·6	0·94	2·76	0·83	7·72	8·12	Aliwal *C*	Gurdaspur.	
...	...	...	...	...	...	...	...	0·48		3	2·6	1·46	2·84	0·80	7·39	9·52	Batala		
...	...	...	...	...	...	...	...	2·00		5	3·0	3·20	2·47	2·00	10·85	9·68	Tibri *C*		
...	...	...	...	...	...	...	...	2·50		4	3·5	4·69	2·95	2·50	13·77	9·76	**Gurdaspur**		
...	...	...	...	...	...	...	...	2·22		4	2·9	3·81	3·02	2·22	11·44	12·92	Pathankot		
...	...	...	...	...	...	...	...	2·16		5	7·6	4·21	6·40	2·16	21·69	25·38	Dalhousie		
...	...	...	...	...	...	...	...	1·15		4	4·0	2·95	3·18	1·15	10·55	15·96	Madhopur *C*		
...	...	...	...	...	...	...	...	2·12		6	2·9	2·98	2·95	2·12	11·74	11·50	Shakargarh		
...	...	...	...	...	...	...	...	...		2	2·3	1·02	2·26	0·76	8·22	7·77	Buchar *C*	Amritsar.	
...	...	...	...	...	...	...	...	...		0	2·0	0	1·52	0	5·48	5·05	Khara *C*		
...	...	...	...	...	...	...	...	...		1	2·1	0·41	2·53	0·36	6·80	6·85	Tarn Taran		
...	...	...	...	...	...	...	...	...		1	2·3	0·82	2·27	0·82	5·60	7·91	Raya *C*		
...	...	...	...	...	...	...	...	...		1	2·9	2·40	2·39	2·40	8·85	8·41	**Amritsar Jail Hospital.**		
...	...	...	...	...	...	...	...	...		2	?	1·90	?	1·75	9·15	?	Amritsar *C*		
...	...	...	...	...	...	...	...	...		1	2·6	0·25	2·99	0·25	10·70	8·05	Buggeh *C*		
...	...	...	...	...	...	...	...	0·04		1	1·9	0·78	1·70	0·65	7·95	5·57	Ajnala		
...	...	...	0·15	...	...	...	...	1·80		6	7·8	5·25	5·80	2·00	12·10	17·49	Kasauli	Simla.	Punjab, Hill Division.
...	0·43	0·35	...	...	...	...	1·59	0·91		9	7·4	9·53	4·81	2·04	17·34	16·72	Barauli		
0·11	0·02	0·96	0·60	0·07	...	...	0·01	2·40		13	10·1	9·01	7·68	2·40	17·95	23·20	**Simla**		
...	0·47	0·17	0·19	...	...	...	1·35	...		12	8·7	7·74	4·53	1·52	14·34	23·09	Kot Khai		
...	1·50	...	...	...	...	...	0·30	0·20		11	7·8	6·80	5·07	1·75	14·72	26·90	Kotgarh		
...	...	...	...	...	...	...	...	0·06		1	6·7	0·28	2·07	0·15	9·01	32·36	Kilba		
...	...	0·06	0·02	...	0·12	...	...	1·78		7	6·6	4·20	3·64	1·78	14·24	19·65	Plach	Kangra.	Punjab, North-West.
...	0·40	...	...	...	...	...	...	0·07		4	4·6	1·21	2·75	0·40	15·36	25·87	Kulu		
...	...	...	...	...	...	...	...	0·60		5	6·0	1·71	2·38	0·60	14·83	20·98	Nagar		
...	0·11	...	2·40	0·49	0·02	...	...	2·86		12	7·8	10·98	7·60	3·09	20·40	28·84	Palampur		
...	...	0·61	0·41	...	...	...	...	1·18		11	4·8	5·85	2·95	1·18	13·17	14·20	Hamirpur		
...	...	...	1·68	...	...	...	...	1·80		6	4·6	6·58	3·36	1·80	11·60	15·01	Dera		
...	...	...	0·13	...	...	...	...	1·00		9	5·9	9·31	5·65	2·95	15·85	17·56	Kangra		
...	...	0·76	0·60	0·20	0·05	...	...	1·58		14	10·3	13·06	9·67	2·27	26·81	29·85	**Dharmsala**		
...	...	...	...	...	...	...	...	2·62		6	4·3	5·84	3·69	2·62	14·20	18·75	Nurpur		
...	...	...	...	...	...	...	...	...		0	2·3	0	1·53	0	5·84	5·83	Ramnagar	Gujranwala.	
...	...	...	...	...	...	...	...	0·48		1	1·9	0·57	1·71	0·48	7·87	7·71	Wazirabad		
...	...	...	...	...	...	...	...	...		1	2·7	1·00	1·90	1·00	7·29	8·19	**Gujranwala Sadr Kacheri.**		
...	...	...	...	...	...	...	...	...		2	1·3	0·62	0·96	0·50	6·69	4·22	Shekhupura		
...	...	...	...	...	...	...	...	...		1	2·1	2·44	1·49	2·44	10·86	6·98	Hafizabad		
...	...	...	...	...	...	...	...	...		2	?	1·14	?	1·03	9·21	?	Khangah Dogran		
...	...	...	...	...	...	...	...	...		2	?	1·60	?	0·90	7·40	?	Rampur *C*		
...	...	...	...	...	...	...	...	...		1	?	1·05	?	1·05	5·65	?	Pacca Dalla *C*		
...	...	...	...	...	...	...	...	...		1	?	0·45	?	0·45	5·31	?	Firoz *C*		
...	...	...	...	...	...	...	...	1·61		3	2·0	2·27	2·88	1·61	9·84	10·15	Zafarwal	Sialkot.	
...	...	...	...	...	...	...	...	0·69		2	2·3	1·22	2·31	0·69	7·98	10·55	Pasrur		
...	...	...	...	...	...	...	...	...		1	1·9	0·70	2·16	0·70	8·35	7·42	Raya		
...	...	...	...	...	...	...	...	0·56		3	1·7	0·89	1·95	0·56	9·13	8·72	Daska		
...	...	...	...	...	...	...	...	0·97		3	3·5	1·62	2·87	0·97	8·63	11·70	**Sialkot**		

Table of Rainfall recorded at Stations in

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab, North-West—concluded.	Gujrat.	Sadr (Gujrat) ...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	...	...	...	...	...	...
		Kharian ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	...
		Phalia ...	...	...	...	...	...	...	...	...	...	...	...	0·96	...	...	0·07	...	...	...	...	...
	Jhelum.	Pind Dadan Khan...	...	0·15	...	...	...	...	...	...	...	...	...	...	...	0·09	0·24	...	...	0·18	...	...
		Sadr Station (Jhelum)	...	0·03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·09	...	...
		Chakwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	0·28	...	...
		Talagang ...	...	0·15	...	...	...	...	...	...	...	...	...	...	...	0·50	0·14	...	...	0·06	...	...
	Rawalpindi.	Pindigheb ...	...	...	...	...	...	...	...	...	0·23	...	...	...	...	0·35	...	...	...	...	0·17	...
		Fatahjang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	0·25	...	...
		Attock ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rawalpindi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujar Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	0·13	0·33	...	...	...	...	...	...
		Kahuta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·16	...	...	...	...	...	...
		Murree ...	0·16	...	...	...	...	...	...	...	...	...	...	...	0·29	0·65	0·08	...	...	...	...	...
	Peshawar.	Swabi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lahor (Utman Bolak)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nowshera ...	...	...	...	...	...	...	...	...	0·26	...	...	...	...	...	...	...	...	...	...	...
		Mardan ...	...	...	...	...	...	...	...	...	0·05	...	...	...	...	...	...	...	...	...	...	...
		Katlang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Charsadda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nabakki ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Peshawar ...	D.	R.	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...	...	...
		Abazai *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	...	...	...
		Khan Mahi *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Para Chinar (Kurram)	...	0·70	...	...	...	...	...	...	...	0·01	...	...	0·05	...	0·21	...	...	0·06	0·54	...
	Hazara.	Abbott-abad ...	0·17	...	...	...	...	...	...	...	...	...	...	0·23	...	1·51	0·27	...	...	...	...	...
		Mansahra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·55	...	...	...	...	...
		Haripur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kohat.	Kohat ...	...	0·11	...	...	...	...	...	...	...	...	...	0·16	...	...	...	...	...	0·12	0·04	...
		Hangu ...	...	0·15	...	...	...	...	...	...	...	...	...	0·91	...	...	...	0·20	...	0·21	1·13	...
		Thal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·35	...	...	...	...	...
		Banda Daud Shah...	...	...	...	...	...	...	...	...	...	...	0·46	0·09	...	0·35	0·12	...	...	[illegible]	0·24	...
		Khushalgarh ...	0·12	...	...	...	...	...	...	...	...	...	1·92	...	...	...	...	...	...	...	...	...
Punjab, West.	Bannu.	Mianwali ...	...	0·90	...	...	...	...	...	...	...	0·25	...	...	...	...	...	...	...	...	...	...
		Isa Khel ...	...	0·22	...	...	...	...	...	...	...	...	...	0·10	...	0·18	0·10	...	...	...	...	...
		Bannu ...	...	...	...	...	...	...	...	...	...	...	...	0·07	...	...	...	...	...	...	...	...
		Marwat ...	...	0·29	...	...	...	...	...	...	...	...	...	0·05	...	...	...	...	...	...	...	...

Punjab for the month of June 1898—**continued.**

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 31st October 1897 up to 30th June 1898.	Average rainfall from 31st October up to 30th June.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...		1	2·9	0·10	2·18	0·10	7·58	10·72	**Sadr (Gujrat)**	Gujrat.	Punjab, North-West—*concluded.*
...	...	...	...	...	...	...	...	0·65		2	2·7	0·85	2·45	0·65	7·46	10·46	Kharian		
...	...	...	...	...	...	...	...	...		1	1·8	1·03	1·01	0·96	5·72	7·57	Phalia		
...	...	...	...	...	...	...	...	...		3	2·2	0·66	1·23	0·24	7·40	6·51	Pind Dadan Khan	Jhelum.	
...	...	...	...	...	...	...	...	0·11		1	3·2	0·23	2·08	0·11	8·71	9·50	Sadr Station (Jhelum)		
...	...	...	...	...	...	...	...	...		1	2·1	0·28	0·78	0·28	7·45	6·75	Chakwal		
...	...	...	...	...	...	...	...	...		3	2·3	0·85	1·03	0·50	7·36	8·43	Talagang		
...	...	...	...	...	...	...	...	...		3	1·9	0·75	0·88	0·35	7·72	8·10	Pindigheb	Rawalpindi.	
...	...	...	...	...	...	...	...	...		2	1·4	0·45	0·47	0·25	8·23	9·21	Fatahjang		
...	...	...	...	...	...	...	...	0·17		1	0·6	0·17	0·29	0·17	7·79	8·50	Attock		
...	...	...	...	...	...	...	...	0·30		1	2·9	0·30	1·84	0·30	8·06	14·12	Rawalpindi		
...	...	...	...	...	...	...	...	0·95		3	1·7	1·41	1·11	0·95	9·19	10·83	Gujar Khan		
...	...	...	...	...	...	...	...	2·23		2	1·1	2·39	0·34	2·23	10·45	11·19	Kahuta		
...	...	...	...	...	...	...	...	1·28		4	5·3	2·46	3·06	1·28	19·50	20·09	Murree		
...	...	...	...	...	...	...	...	0·22		1	0·5	0·22	0·34	0·22	9·39	8·57	Swabi	Peshawar.	
...	...	...	...	...	...	...	...	0·02		0	0·5	0·02	0·14	0·02	6·24	8·08	Lahor (Utman Bolak)		
...	...	...	...	...	...	...	...	...		1	0·3	0·26	0·41	0·26	7·35	8·47	Nowshera		
...	...	...	...	...	...	...	...	...		0	0·8	0·05	0·49	0·05	8·57	8·88	Mardan		
...	...	...	...	...	...	...	...	...		0	0·7	0	0·43	0	3·99	7·24	Katlang		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·09	0	7·30	6·42	Charsadda.		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·21	0	6·37	8·33	Nabakki		
...	...	...	...	...	...	...	...	0·03		0	0·6	0·06	0·32	0·03	7·25	8·14	Peshawar		
...	...	...	...	...	...	...	...	...		0	?	0·05	?	0·05	6·35	?	Abazai *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	3·70	?	Khan Mahi *C*		
...	...	...	...	...	...	...	...	0·01		3	?	1·58	?	0·70	14·97	?	Para Chinar (Kurram)		
0·04	...	...	...	...	...	...	...	1·72		5	4·8	3·94	2·93	1·72	23·29	23·62	Abbott-abad	Hazara.	
...	...	...	...	...	...	...	...	2·90		2	3·6	3·45	1·73	2·90	19·21	21·27	Mansahra		
...	...	...	...	...	...	...	...	1·40		1	1·9	1·40	1·08	1·40	11·49	15·93	Haripur		
...	...	...	...	...	...	...	...	...		3	1·9	0·43	0·91	0·16	8·41	10·28	Kohat	Kohat.	
...	...	...	...	...	...	...	...	...		5	?	2·60	?	1·13	12·77	?	Hangu		
...	...	...	...	...	...	...	...	...		1	?	1·35	?	1·3	9·65	?	Thal		
...	...	...	...	...	...	...	...	...		4	?	1·26	?	0·46	8·82	?	Banda Daud Shah		
...	...	...	...	...	...	...	...	...		2	?	2·04	?	1·92	3·06	?	Khushalgarh		
...	...	...	...	...	...	...	...	...		2	1·4	1·15	0·73	0·90	6·94	4·81	Mianwali	Bannu.	Punjab, West.
...	...	...	...	...	...	...	...	...		4	1·4	0·60	0·52	0·22	6·01	5·00	Isa Khel		
...	...	...	...	...	...	...	...	...		0	1·5	0·07	0·81	0·07	5·43	5·90	**Bannu**		
...	...	...	...	...	...	...	...	...		1	1·2	0·34	0·64	0·29	5·77	5·51	Marwat		

Table of Rainfall recorded at Stations in

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab, West—*concluded.*	Shahpur.	Midh ...	...	...	...	...	...	...	..	...	...	...	...	...	0·40	...	...	...	...	...	...	...
		Sahiwal ...	0·15	...	...	...	...	...	...	...	...	...	...	...	...	1·80	...	...	...	...	...	...
		Nurpur ...	...	...	...	...	...	...	...	...	...	0·36	...	0·20	...	...	...	...	...	...	...	...
		Mitha Tiwana ...	...	...	...	...	...	...	...	...	...	...	...	...	0·25	...	...	...	0·25	...	...	...
		Sakesar ...	...	...	...	...	...	...	...	...	0·56	...	...	0·22	...	0·28	0·18	...	...	...	...	...
		Naushahra ...	...	...	...	...	...	...	...	...	...	...	...	...	0·14	0·67	...	...	0·24	...	...	...
		Khushab ...	...	0·34	...	...	...	...	...	...	...	...	...	...	...	1·00	0·37	...	...	0·41	...	...
		Shahpur ...	...	0·60	...	...	...	...	..	...	...	...	...	...	...	0·45	0·20	...	...	0·75	...	...
		Bhera ...	0·27	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	...	...	...	...
		Miani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhang.	Shorkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...	...
		Jhang ...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	0·14	0·47	...	...	...	...	...
		Chiniot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·52	0·91	...	...	...	...	...
		Badwali *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·40	...	...	...	...	...
		Tarkhani *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·60	...	...	...	...	...
		Muridwala *C* ...	...	...	...	...	...	...	...	...	0·30	...	...	...	...	0·40	0·40	...	...	...	...	...
		Khewra *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·40	...	...	...	...	...	...
		Laklani *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	0·15	...	...	...	...	...	...
		Lyallpur *C* ...	...	...	...	...	...	...	...	0·10	0·40	...	...	...	0·50	0·15	...	...	...	...	...	...
		Lyallpur ...	...	...	...	...	...	...	...	...	0·31	0·53	...	...	...	0·70	0·68	...	...	...	...	...
	D. I. Khan.	Tank ...	...	...	...	...	...	...	...	...	...	...	...	0·13	...	...	...	...	...	...	...	...
		Kulachi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera Ismail Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhakkar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Leiah ...	0·09	...	0·26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shekh Budin ...	...	...	...	...	...	...	...	...	...	0·36	...	0·24	...	...	...	...	...	...	...	...
	D. G. Khan.	Sanghar ...	...	...	0·18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera Ghazi Khan ...	...	0·12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fort Munro ...	...	0·39	0·39	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jampur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...
		Rajanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...	...	...
	Muzaffargarh.	Alipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muzaffargarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sinanwan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mooltan.	Mailsi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·27	...	...	...	...	...	...
		Lodhran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·32	...	...	...	...	...
		Shujabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mooltan ...	...	...	0·02	...	...	...	...	...	...	...	...	...	...	...	0·12	...	...	...	...	...
		Kabirwala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...	...

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Punjab for the month of June **1898—concluded.**

25 22nd.	26 23rd.	27 24th.	28 25th.	29 26th.	30 27th.	31 28th.	32 29th.	33 30th.	34	35 Number of rainy days.	36 Average number of rainy days.	37 Total rainfall for the month.	38 Average rainfall for the month.	39 Heaviest rainfall during the month.	40 Total rainfall from 31st October 1897 up to 30th June 1898.	41 Average rainfall from 31st October up to 30th June.	3 Station.	2 District.	1 Meteorological Division.
...	...	...	...	...	...	...	...	...		1	1.8	0.40	0.94	0.40	4.40	5.54	Midh	Shahpur.	Punjab, West—*concluded.*
...	...	...	...	...	...	...	...	0.50		3	2.3	2.45	1.43	1.80	6.51	5.71	Sahiwal		
...	...	...	...	...	...	...	...	...		2	1.3	0.56	0.54	0.36	4.32	3.30	Nurpur		
...	...	...	...	...	...	...	...	...		2	1.1	0.50	0.60	0.25	2.75	4.60	Mitha Tiwana		
...	...	...	...	...	...	...	...	...		4	1.9	1.24	0.62	0.56	10.97	2.37	Sakesar		
...	...	...	...	...	...	...	...	2.78		4	2.4	3.83	1.21	2.78	10.52	7.35	Naushahra		
...	...	...	...	...	...	...	...	...		4	1.2	2.12	0.67	1.00	8.54	4.12	Khushab		
...	...	...	...	...	...	...	...	...		4	1.6	2.00	1.24	0.75	8.00	6.48	**Shahpur**		
...	...	...	...	...	...	...	...	1.18		3	0.8	1.55	0.61	1.18	8.46	5.97	Bhera		
...	...	...	...	...	...	...	...	1.00		1	1.8	1.00	0.88	1.00	6.20	6.64	Miani		
...	...	...	...	...	...	...	...	...		1	1.2	0.15	0.67	0.15	2.42	3.18	Shorkot	Jhang.	
...	...	...	...	...	...	...	...	...		2	1.5	0.67	0.76	0.47	3.11	3.28	**Jhang**		
...	...	...	...	...	...	...	...	...		2	1.9	1.43	1.11	0.91	6.55	4.08	Chiniot		
...	...	...	...	...	...	...	...	...		1	?	0.40	?	0.40	4.00	?	Badwali *C*		
...	...	...	...	...	...	...	...	...		2	?	1.00	?	0.60	0.36	?	Tarkhani *C*		
...	...	...	...	...	...	...	...	...		3	?	1.10	?	0.40	4.29	?	Muridwala *C*		
...	...	...	...	...	...	...	...	...		1	?	0.15	?	0.15	2.85	?	Khewra *C*		
...	...	...	...	...	...	...	...	...		1	?	0.20	?	0.15	2.85	?	Laklani *C*		
...	...	...	...	...	...	...	...	0.50		5	?	2.20	?	0.70	6.10	?	Lyallpur *C*		
...	...	...	...	...	...	...	...	...		4	?	1.95	?	0.68	5.72	?	Lyallpur		
...	...	...	...	...	...	...	...	...		1	0.4	0.13	0.37	0.13	3.28	2.66	Tank	D. I. Khan.	
...	...	...	...	...	...	...	...	...		0	0.8	0	0.57	0	3.40	3.29	Kulachi		
...	...	...	...	...	...	...	...	...		0	1.3	0	0.62	0	5.43	4.02	**Dera Ismail Khan**		
...	...	...	...	...	...	...	...	...		0	1.0	0	0.32	0	2.46	2.88	Bhakkar		
...	...	...	...	...	...	...	...	...		1	1.1	0.35	0.36	0.26	2.08	2.73	Leiah		
...	...	...	...	...	...	...	...	...		2	?	0.60	?	0.36	6.87	?	Shekh Budin		
...	...	...	...	...	...	...	...	...		1	0.9	0.18	0.51	0.18	1.95	3.43	Sanghar	D. G. Khan.	
...	...	...	...	...	...	...	...	...		1	1.2	0.12	0.88	0.12	1.90	3.72	**Dera Ghazi Khan**		
...	...	...	...	...	...	...	...	...		2	2.4	0.78	1.08	0.39	3.30	2.23	Fort Munro		
...	...	...	...	...	...	...	...	...		0	1.0	0.04	0.52	0.04	1.65	2.03	Jampur		
...	...	...	...	...	...	...	...	...		1	0.5	0.18	0.20	0.18	1.06	1.37	Rajanpur		
...	...	...	...	...	...	...	...	...		0	0.2	0	0.35	0	2.14	1.91	Alipur	Muzaffargarh.	
...	...	...	...	...	...	...	...	...		0	0.9	0	0.42	0	1.86	2.05	**Muzaffargarh**		
...	...	...	...	...	...	...	...	...		0	0.5	0	0.45	0	1.45	2.59	Sinanwan		
...	...	...	...	...	...	...	...	...		1	1.3	0.27	0.47	0.27	2.60	1.65	Mailsi	Mooltan.	
...	...	...	...	...	...	...	...	...		1	0.7	0.32	0.28	0.32	2.91	1.63	Lodhran		
...	...	...	...	...	...	...	...	...		0	0.9	0	0.33	0	2.09	1.63	Shujabad		
...	...	...	...	...	...	...	...	...		1	1.1	0.14	0.39	0.12	2.10	2.02	**Mooltan**		
...	...	...	...	...	...	...	...	...		1	1.5	0.15	0.68	0.15	1.90	2.24	Kabirwala		

slight rain.
dust storm.
thunder.
hail.
snowfall.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 2ND JULY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	5	2	7	14	8	6		...	...	10	...	...	4	3	...	3	22	43	1
2		Hansi ...	15,190	5	5	10	6	5	1	...	...	...	2	...	...	4	1	...	1	34	21	2
3		Bhiwani ...	35,487	7	5	12	26	8	18	...	...	...	8	5	...	13	5	8	13	18	38	3
4		Sirsa ...	16,415	4	1	5	11	7	4	...	...	...	6	...	1	4	3	...	3	16	35	4
5	Rohtak ...	Rohtak ...	16,191	10	4	14	14	10	4	...		...	5	1		8	5	2	7	45	45	5
6		Jhajjar ...	11,881	6	2	8	9	6	3	...		...	3	...	...	6	...	1	1	35	39	6
7	Gurgaon ...	Rewari ...	27,934	9	3	12	22	12	10	...	...	...	13	...		9	2	2	4	22	41	7
8		Palwal ...	11,227	3	1	4	17	6	11	...	...	1	15	1	...	...	2	8	10	19	79	8
9	Delhi ...	Delhi ...	189,648	36	57	93	185	106	79	...	...	10	99	4	3	69	25	23	48	26	51	9
10		Sonepat ...	12,611	6	5	11	20	11	9	...	...	...	12	8	...	...	3	1	4	45	83	10
11	Karnal ...	Karnal ...	21,530	11	8	19	21	11	10	...	...	...	7	2	...	12	4	2	6	46	51	11
12		Kaithal ...	15,768	10	1	11	16	2	14	...	...	...	7	1	...	8	1	6	7	36	53	12
13		Panipat ...	27,547	14	8	22	32	18	14	...	...	...	10	2	...	20	6	4	10	42	61	13
14		Shahabad ...	11,473	7	3	10	8	4	4	...	...	...	2	1	...	5	3	...	3	45	36	14
15	Umballa ...	Umballa ...	26,856	8	5	13	18	8	10	...	...	...	4	1	...	13	2	3	5	25	35	15
16		Jagadhri ...	13,029	3	2	5	10	6	4	...	...	...	9	...	...	1	3	1	4	20	40	16
17		Sadhaura ...	10,445	3	...	3	4	4	...	...	...	...	...	...	...	4	1	...	1	15	20	17
18	Hoshiarpur	Hoshiarpur ...	17,546	3	2	5	12	6	6	...	...	...	6	...	...	6	2	2	4	15	36	18
19		Tanda and Urmar	11,632	1	4	5	10	5	5	...	...	2	6	...	...	2	2	...	2	22	45	19
20	Jullundur ...	Jullundur ...	50,375	19	14	33	39	18	21	...	...	...	23	6	...	10	4	6	10	34	40	20
21		Rahon ...	10,667	7	...	7	4	...	4	...	...	...	2	...	...	2	...	2	2	34	20	21
22		Kartarpur ...	10,441	2	2	4	4	2	2	...	...	...	3	1	...	...	...	...	...	20	20	22
23	Ludhiana ...	Ludhiana ...	46,024	11	4	15	37	16	21	...	...	...	24	3	...	10	...	2	2	17	[illegible]	23
24		Jagraon ...	18,116	4	3	7	17	9	8	...	...	...	14	1	...	2	3	2	5	20	49	24
25	Ferozepore ...	Ferozepore ...	25,337	2	3	5	17	10	7	...	...	...	8	5	...	4	3	...	3	10	35	25
26	Mooltan ...	Mooltan ...	64,265	18	9	27	26	15	11	...		...	14	5	...	7	5	4	9	22	21	26
27	Jhang ...	Maghiana ...	13,866	1	1	2	8	5	3	...	...	...	5	...	...	3	1	...	1	8	30	27
28		Chiniot ...	13,476	3	4	7	18	9	9	...	...	...	5	...	...	13	4	2	6	27	70	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	42	38	80	14	68	74	...	...	...	100	1	...	41	21	19	40	26	46	29
30		Kasur ...	20,290	6	7	13	20	10	10	...	...	1	11	1	...	7	2	2	4	33	51	30
31		Chunian ...	10,339	2	4	6	9	5	4	...	...	...	1	...	...	8	1	...	1	30	45	31
32	Amritsar ...	Amritsar ...	135,401	48	52	100	141	74	67	...	...	...	76	3	1	61	27	17	44	39	54	32
33	Gurdaspur ...	Batala ...	27,223	9	9	18	12	7	5	...	...	...	6	...	1	5	2	1	3	34	23	33
34	Sialkot ...	Sialkot ...	33,965	15	16	31	39	21	18	...	...	...	26	1	...	12	7	6	13	48	60	34
35	Gujrat ...	Gujrat ...	17,671	10	5	15	19	11	8	...	...	...	11	1	...	7	1	1	2	44	56	35
36		Jalalpur ...	11,065	4	3	7	5	3	2	...	...	...	...	...	...	5	...	...	...	33	24	36
37	Gujranwala...	Gujranwala ...	25,892	12	6	18	14	3	11	...	...	...	8	1	1	4	2	2	4	36	28	37
38		Wazirabad ...	15,786	2	3	5	18	11	7	...	...	...	9	...	2	7	6	3	9	17	59	38
39	Shahpur ...	Bhera ...	17,428	10	3	13	12	6	6	...	...	...	5	...	...	7	2	2	4	39	36	39
40	Jhelum ...	Pind Dadan Khan	15,055	3	...	3	18	12	6	...	...	...	6	6	...	6	2	...	2	10	62	40
41	Rawalpindi ...	Rawalpindi ...	38,334	5	5	10	26	11	15	...	...	...	20	1	...	5	1	2	3	14	35	41
42	Peshawar ...	Peshawar ...	63,079	12	10	22	36	20	16	...	...	...	22	2	1	11	6	2	8	18	30	42
43	Kohat ...	Kohat ...	14,347	...	1	1	6	2	4	...	...	...	1	...	...	5	...	...	...	4	22	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	...	1	1	26	15	11	...	...	...	16	4	...	6	2	2	4	2	63	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	1	2	3	14	6	8	...	...	...	9	3	...	2	...	2	2	7	31	45
	Grand Total ...		1,412,775	399	323	722	1,182	512	570	...	...	14	649	71	10	438	175	142	317	27	44	
	Hill Sanitaria.																					
	Simla		13,279	2	3	5	7	3	4	...	...	...	3	...	...	4	...	2	2	20	27	
	Dharmsala		2,778	1	1	2	1	...	1	...	...	...	...	1	...	...	...	...	...	38	19	
	Dalhousie		807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree		1,459	...	...	...	3	1	2	...	...	...	2	...	...	1	...	...	...	...	107	

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 19th July 1898.

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 2ND JULY 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 722 births were registered (399 males and 323 females), giving a birth-rate of 27 per *mille* of population; 1,182 deaths were registered (612 males and 570 females), giving a death-rate of 44 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 19th July 1898.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for the first 9 days of July 1898 on 162'24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other Earnings (estimated).	Total Earnings.	Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period	23,784	18,088 8 0	90,645 0	9,458 1 0	81 0 0	27,627 9 0	9,203	3,523	12,726
Or per mile of Railway	...	111 7 10	...	58 4 9	0 8 0	170 4 7	...	...	...
Total for 1 2/7 weeks ...	23,784	18,088 8 0	90,645 0	9,458 1 0	81 0 0	27,627 9 0	9,203	3,523	12,726
COMPARISON.									
Total for corresponding 10 days of previous year ...	23,011½	18,458 9 8	98,383 30	14,146 10 0	88 15 9	32,694 3 5	9,678	4,538	14,216
Per mile of Railway corresponding period of previous year.	...	115 0 5	...	88 2 6	0 8 11	203 11 10	...	...	...
Total for corresponding 1 3/7 weeks of previous year ...	2,30,111½	18,458 9 8	98,383 30	14,146 10 0	88 15 9	32,694 3 5	9,678	4,538	14,216

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 14th July 1898.

T. BASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore—21-7-98—690.

No. 30 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, JULY 28, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 26th JULY 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	0·60 at Sadr ... 0·97 in Bhiwáni. 3·00 in Sirsa. 3·59 in Fatahabad. 2·46 in Hánsi.	1. Sufficient ... 2. Good.	Wheat 16 seers ... Bájra 23 seers. Gram 24 seers.	Recent rain proved useful for sowings and benefited the standing crops. Canal crops in good condition.	...
2	Delhi ...	0·46 at Sadr ...	1. Sufficient ... 2. Good.	Wheat 15 seers ... Gram 20 seers. Bájra 21 seers.	Sowings in progress. Locusts appeared in the Delhi Tahsíl and laid eggs in 4 villages. Steps are being taken for their destruction.	...
3	Umballa ...	0·02 at Sadr ...	1. Sufficient ... 2. Good.	Wheat 18 seers ... Gram 21½ seers. Maize 28 seers.	Locusts appeared in parts of Umballa Tahsíl, but did no damage	...
4	Jullundur ...	Good rainfall throughout.	1. Sufficient ... 2. Good.	Wheat 20 seers ... Gram 22½ seers. Barley 28 seers.	Sowings continue. Stock of food-grain sufficient.	...
5	Ferozepore ...	0·65 at Sadr ... 0·30 in City. 1·91 in Moga. 0·89 in Zíra. 0·15 in Muktsar. 0·71 in Fázilka. 0·95 in Nathána. 1·20 in Jalálabad.	1. Sufficient ... 2. Good.	Wheat 17 seers ... Gram 23 seers. Maize 14 seers. Jowár 16 seers. Bájra 16 seers. Barley 32 seers.	Sowings continue ...	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	0·85 at Sadr ... 0·23 in Mailsi. 0·08 in Shujabad. 0·17 in Kabírwála.	2. Good ...	Wheat 16½ seers	Crops in good condition ...	...
7	Lahore ...	0·50 at Sadr ... 0·78 in Chunián. 0·90 in Kasúr. 1·23 in Sharakpur.	1. Sufficient ... 2. Good.	Wheat 17½ to 20 seers. Maize 20 to 24 seers.	Sowings continue. Standing crops are in good condition. Prospects good. Locusts passed over Lahore. No damage reported.	Ploughings commenced.
8	Amritsar ...	1·65 average ...	1. Sufficient ... 2. Good.	Wheat 19 seers ... Maize 20 seers.	Crops in good condition ...	...
9	Siálkot ...	4·27 average ...	1. Sufficient ... 2. Good.	Wheat 17½ to 19 seers. Rice 9 to 9½ seers.	Sowings in progress. Standing crops promising.	...
10	Shahpur ...	0·51 in Bhera ... 0·17 in Khusháb.	1. Sufficient ... 2. Good.	Wheat 20 to 24 seers. Bájra 18 to 20 seers.	Crops being sown ...	...
11	Ráwalpindi ...	0·75 at Sadr ... 0·54 in Pindigheb. 0·90 in Fatahjang. 0·85 in Attock. 1·13 in Gujar Khan. 2·47 in Kahúta. 2·64 in Murree.	1. Sufficient ...	Wheat 18 seers ... Bájra 24 seers. Maize 26 seers.	Prospects good ...	...
12	Pesháwar ...	...	1. Sufficient ... 2. Good.	Wheat 15¾ seers Maize 26 seers.	Crops being sown. Condition of standing crops good. Stock of food-grain sufficient.	...
13	D. I. Khan ...	1·08 in Kuláchi ... 1·88 in Leiah 0·90 in Sheikh Budín	1. Sufficient ... 2. Good.	Wheat 19½ seers Bájra 25 seers.	Condition of standing crops average. Rain badly wanted.	...

GENERAL REMARKS.

Rainfall.—Rain ranging from ⅓ of an inch to 4¼ inches on the average has fallen in all districts except Pesháwar. A (short) slight fall is reported from Umballa.

Prices.—Rising in Pesháwar, falling in Jullundur, Lahore, Siálkot and Dera Ismail Khan, and unchanged elsewhere. Wheat is selling from 15 to 24, gram 20 to 24, barley 28 to 32, bulrush millet 16 to 25, maize 14 to 28, great millet 16, and rice 9 to 9½ seers per rupee.

Agricultural operations.—Sowings of autumn crops and ploughings for spring crops going on.

Crops and outturn.—Standing crops are generally reported in good condition except in Dera Ismail Khan, where they are only average. More rain is urgently wanted in this district. Recent rain proved beneficial to standing crops and improved prospects.

Damage done to Crops.—Locusts appeared in Delhi, Umballa and Lahore and laid eggs in parts of the first named district, which are being destroyed.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient throughout the Province.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 9TH JULY 1898.

No.	DISTRICTS.	TOWNS.	Population according to the Census of 1891.	BIRTHS.			DEATHS.			CAUSE OF DEATH.							INFANTS UNDER ONE YEAR OF AGE.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	4	4	8	6	4	2	...	...	...	2	2	...	2	...	1	1	25	19	1
2		Hansi ...	15,190	4	10	14	5	1	4	...	...	...	4	...	...	1	1	1	2	48	17	2
3		Bhiwani ...	35,487	14	5	19	17	6	11	...	...	...	9	1	...	7	2	5	7	28	25	3
4		Sirsa ...	16,415	4	4	8	7	3	4	...	...	...	2	...	...	5	...	1	1	25	22	4
5	Rohtak ...	Rohtak ...	16,191	11	5	16	8	4	4	...	...	...	4	...	...	4	2	1	3	52	26	5
6		Jhajjar ...	11,881	4	4	8	6	4	2	...	...	...	4	...	...	2	1	...	1	35	26	6
7	Gurgaon ...	Rewari ...	27,934	11	4	15	15	6	9	...	...	...	5	1	1	8	2	2	4	28	28	7
8		Palwal ...	11,227	1	7	8	15	6	9	...	...	...	11	1	...	3	2	4	6	37	70	8
9	Delhi ...	Delhi ...	189,648	50	53	103	125	70	55	...	...	5	67	2	1	50	16	13	29	28	34	9
10		Sonepat ...	12,611	8	6	14	10	7	3	...	...	...	6	3	...	1	4	1	5	58	41	10
11	Karnal ...	Karnal ...	21,530	14	7	21	5	2	3	...	...	...	2	...	...	3	...	2	2	51	12	11
12		Kaithal ...	15,768	5	7	12	12	4	8	...	...	...	7	...	...	5	3	2	5	40	40	12
13		Panipat ...	27,547	11	7	18	24	10	14	...	...	...	6	1	...	17	5	5	10	34	45	13
14		Shahabad ...	11,473	3	6	9	1	...	1	...	...	...	1	...	...	...	...	1	1	41	5	14
15	Umballa ...	Umballa ...	26,856	12	7	19	8	6	2	...	...	...	4	...	...	4	3	1	4	37	16	15
16		Jagadhri ...	13,029	7	2	9	9	6	3	...	...	...	5	1	...	3	2	1	3	36	36	16
17		Sadhaura ...	10,445	1	4	5	4	3	1	...	...	...	...	...	...	4	1	...	1	25	20	17
18	Hoshiarpur	Hoshiarpur ...	Returns not received.																			
19		Tanda and Urmar																				
20	Jullundur ...	Jullundur ...	50,375	15	12	27	22	13	9	...	...	...	15	...	...	7	3	...	3	28	23	20
21		Rahon ...	10,667	2	6	8	4	1	3	...	...	...	1	1	...	2	...	2	2	39	20	21
22		Kartarpur ...	10,441	4	...	4	3	1	2	...	...	...	3	...	...	...	...	...	...	20	15	22
23	Ludhiana ...	Ludhiana ...	46,024	5	2	7	17	11	6	...	...	...	11	2	...	4	1	...	1	8	19	23
24		Jagraon ...	18,116	9	5	14	9	6	3	...	...	...	6	...	...	3	2	...	2	40	26	24
25	Ferozepore ...	Ferozepore ...	25,337	3	4	7	10	4	6	...	...	...	6	1	...	3	3	4	7	14	21	25
26	Mooltan ...	Mooltan ...	64,265	12	9	21	32	12	20	...	...	...	16	6	1	9	1	5	6	17	26	26
27	Jhang ...	Maghiana ...	13,866	5	3	8	10	8	2	...	...	1	3	...	...	6	...	1	1	30	38	27
28		Chiniot ...	13,476	2	5	7	8	6	2	...	...	...	1	...	1	6	1	...	1	27	31	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	28	24	52	101	50	51	...	...	...	60	3	1	37	12	12	24	17	33	29
30		Kasur ...	20,290	9	8	17	17	6	11	...	...	1	6	1	...	9	3	3	6	44	44	30
31		Chunian ...	10,339	3	3	6	4	3	1	...	...	...	...	...	...	4	...	...	...	30	20	31
32	Amritsar ...	Amritsar ...	135,401	43	39	82	122	61	61	...	...	...	64	1	3	54	15	9	24	32	47	32
33	Gurdaspur ...	Batala ...	27,223	9	8	17	5	1	4	...	...	...	4	...	...	1	...	...	...	33	10	33
34	Sialkot ...	Sialkot ...	33,965	16	13	29	18	8	10	...	...	...	7	...	...	11	3	5	8	45	28	34
35	Gujrat ...	Gujrat ...	17,671	9	4	13	15	11	4	...	...	...	7	3	...	5	3	1	4	38	44	35
36		Jalalpur ...	11,065	5	5	10	1	1	...	...	...	...	...	...	...	1	1	...	1	47	5	36
37	Gujranwala...	Gujranwala ...	25,892	12	6	18	11	10	1	...	...	...	9	...	...	2	4	1	5	36	22	37
38		Wazirabad ...	15,786	1	1	2	12	8	4	...	...	...	10	...	...	2	2	...	2	7	40	38
39	Shahpur ...	Bhera ...	17,428	5	...	5	12	5	7	...	...	...	6	1	...	5	2	3	5	15	36	39
40	Jhelum ...	Pind Dadan Khan	15,055	1	3	4	11	4	7	...	...	...	7	4	...	...	1	1	2	14	38	40
41	Rawalpindi ...	Rawalpindi ...	38,334	3	6	9	27	16	11	...	...	...	14	1	1	11	2	2	4	12	37	41
42	Peshawar ...	Peshawar ...	63,079	20	18	38	45	15	30	...	...	...	31	...	...	14	2	5	7	31	37	42
43	Kohat ...	Kohat ...	14,347	...	1	1	4	2	2	...	...	...	4	...	...	...	2	...	2	4	15	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	3	1	4	21	10	11	...	...	...	17	2	...	2	2	1	3	10	51	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	1	1	2	10	5	5	...	...	...	7	1	...	2	1	1	2	4	22	45
	Grand Total	...	1,383,597	389	329	718	828	420	408	...	...	7	454	39	9	319	110	97	207	27	31	
	Hill Sanitaria.																					
	Simla ...	... ...	13,279	3	2	5	11	9	2	...	...	...	8	...	...	3	1	...	1	20	43	
	Dharmsala	... ...	2,778	2	1	3	3	1	2	...	...	...	...	2	...	1	...	2	2	56	56	
	Dalhousie ...	... ...	807	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	65	
	Murree ...	... ...	1,459	...	...	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...	36	

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 26th July 1898.

W. A. CRAWFORD ROE, F.R.C.S., Bde.-Surg.-Lieut.-Col.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 9TH JULY 1898.

Births and Deaths in Municipal Towns.—In the 43 large Municipal towns 718 births were registered (389 males and 329 females), giving a birth-rate of 27 per *mille* of population; 828 deaths were registered (420 males and 408 females), giving a death-rate of 31 per *mille* of population.

There was one death registered from plague in the Jullundur District during the week.

W. A. CRAWFORD ROE, F. R C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 26th July 1898.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	2			3			4			5		
	QUANTITIES PER RUPEE BY THE											
	Wheat.			Barley.			Rice (best sort).			Rice (common).		
Districts.	Present fortnight ending 15th July 1898.	Past fortnight ending 30th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th July 1898.	Past fortnight ending 30th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th July 1898.	Past fortnight ending 30th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th July 1898.	Past fortnight ending 30th June 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs	Srs.	Srs.	Srs.
Hissar ...	16	16	11	29	31	14	...	...	...	10	10	6
Rohtak ...	15	15	10	25	26	11	...	...	...	10	10	8
Gurgaon ...	16	15	10	26	27	13	...	...	...	7	7	7
Delhi ...	15	15	10	25	25	13	...	...	...	10	10	7
Karnál ...	17	17	11	30	30	13	...	...	...	8	8	7
Umballa ...	18	18	11	24	26	13	...	...	...	10	10	8
Simla ...	12	12	8	17	17	12	...	...	...	8	8	7
Kángra ...	16	16	12	23	23	16	...	...	...	10	10	8
Hoshiárpur ...	19	19	12	25	26	16	...	...	...	10	11	8
Jullundur ...	20	20	12	24	26	15	...	...	...	9	9	8
Ludhiána ...	19	18	11	30	30	14	...	...	...	8	8	7
Ferozepore ...	17	17	11	31	31	14	...	...	...	7	7	7
Mooltan ...	15	15	11	23	22	13	...	...	...	14	14	9
Jhang ...	19	20	12	24	25	15	...	...	...	10	10	8
Montgomery...	17	17	12	‡	‡	‡	...	...	...	10	10	7
Lahore ...	17	17	11	30	30	14	...	...	...	10	8	7
Amritsar ..	18	17	10	28	27	14	...	...	...	9	9	6
Gurdáspur ...	20	19	12	32	30	15	...	...	...	10	10	7
Siálkot ...	17	16	11	27	26	14	...	...	...	11	11	7
Gujrát ...	17	17	11	30	24	14	...	...	...	9	9	7
Gujránwála ...	18	17	12	32	31	16	...	...	...	11	10	7
Shahpur ...	22	21	12	30	30	15	...	...	...	7	7	6
Jhelum ...	19	18	12	26	26	15	...	...	...	10	10	8
Ráwalpindi ...	17	16	11	29	27	16	...	...	...	8	8	6
Hazára ...	15	15	11	26	25	16	...	...	...	9	9	6
Peshávar ...	15	16	11	28	29	18	...	...	...	8	8	7
Kohát ...	17	16	11	23	22	15	...	...	...	11	11	8
Bannu ...	23	23	10	39	38	16	...	...	...	12	12	7
D. I. Khan ...	19	19	10	24	23	13	...	...	...	7	7	5
D. G. Khan ...	16	17	11	21	21	12	...	...	...	13	13	6
Muzaffargarh	16	16	13	22	22	14	...	...	...	15	15	8

† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JULY 1898.

ORDINARY SEER OF 80 TOLAS.

6			7			1
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*			
Present fortnight ending 15th July 1898.	Past fortnight ending 30th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th July 1898.	Past fortnight ending 30th June 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
21	22	11	21	22	9	Hissar.
21	21	10	20	20	8	Rohtak.
22	21	8	23	23	9	Gurgaon.
18	18	10	21	21	9	Delhi.
20	20	8	18	16	5	Karnál.
21	22	9	20	20	7	Umballa.
20	19	7	16	15	7	Simla.
†	†	§	†	†	§	Kángra.
13	16	8	16	16	10	Hoshiárpur.
16	17	10	18	18	8	Jullundur.
18	18	9	19	20	7	Ludhiána.
16	17	10	16	18	8	Ferozepore.
16	16	9	18	20	7	Mooltan.
20	20	6	‡	‡	6	Jhang.
‡	‡	§	§	§	§	Montgomery.
15	17	10	16	17	8	Lahore.
14	17	8	15	15	8	Amritsar.
16	25	10	11	11	10	Gurdáspur.
17	17	9	15	15	§	Siálkot.
13	16	7	14	16	7	Gujrát.
14	14	9	17	17	9	Gujránwála.
14	14	8	16	18	8	Shahpur.
21	17	10	21	20	8	Jhelum.
20	21	7	20	21	7	Ráwalpindi.
§	§	§	16	16	6	Hazára.
20	18	8	16	16	8	Pesháwar.
§	§	§	24	23	9	Kohát.
41	41	8	40	35	7	Bannu.
30	30	8	25	26	6	D. I. Khan.
22	22	9	23	23	9	D. G. Khan.
16	17	9	16	14	7	Muzaffargarh.

duced.

curable.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 18 seers as compared with 17 seers in last fortnight and 11 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Umballa	...	11	18	18
Jullundur	...	12	20	20
Amritsar	...	10	17	18
Shahpur	...	12	21	22
Bannu	...	10	23	23
D. I. Khan	...	10	19	19

Barley.—Prices average 27 seers as compared with 27 seers in last fortnight and 14 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight Srs.
Karnál	...	13	30	30
Ferozepore	...	14	31	31
Gurdáspur	...	15	30	32
Gujránwála	...	16	31	32
Bannu	...	16	38	39
D. I. Khan	...	13	23	24

Rice.—Prices average 10 seers as compared with 10 seers in last fortnight and 7 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Hissar	...	6	10	10
Hoshiárpur	...	8	11	10
Mooltan	...	9	14	14
Siálkot	...	7	11	11
Bannu	...	7	12	12
D. G. Khan	...	6	13	13

Jowár.—Prices average 19 seers as compared with 20 seers in last fortnight and 9 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Gurgaon	...	8	21	22
Ludhiána	...	9	18	18
Jhang	...	6	20	20
Ráwalpindi	...	7	21	20
Bannu	...	8	41	41
D. I. Khan	...	8	30	30

Bájra.—Prices average 19 seers as compared with 19 seers in last fortnight and 8 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Gurgaon	...	9	23	23
Ludniána	...	7	20	19
Mooltan	...	7	20	18
Jhelum	...	8	20	21
Bannu	...	7	35	40
D. I. Khan	...	6	26	25

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

QUANTITIES PER RUPEE BY

1	8			9			10			11		
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 15th July 1898.	Past fortnight ending 30th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th July 1898.	Past fortnight ending 30th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th July 1898.	Past fortnight ending 30th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th July 1898.	Past fortnight ending 30th June 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs
Hissar ...	†	†	†	†	†	†	25	25	11	†	†	10
Rohtak ...	†	†	†	10	10	10	20	20	10	18	18	9
Gurgaon ...	†	†	†	†	†	†	20	20	10	16	15	8
Delhi ...	†	†	†	12	13	9	20	20	10	22	18	9
Karnál ...	24	24	10	8	8	8	20	20	10	20	20	9
Umballa ...	§	§	§	14	14	§	21	21	10	28	28	11
Simla ...	14	14	10	9	9	7	15	17	8	21	21	10
Kángra ...	§	§	§	‡	‡	§	17	17	10	22	21	12
Hoshiárpur ...	20	21	§	10	12	8	22	22	11	25	26	13
Jullundur ...	§	§	§	17	17	13	22	22	11	25	25	10
Ludhiána ...	†	†	†	15	15	13	23	23	11	28	27	12
Ferozepore ...	†	†	†	16	18	8	23	22	11	14	24	10
Mooltan ...	†	†	†	16	16	10	19	19	11	16	18	9
Jhang ...	30	24	6	30	30	5	19	19	10	19	20	6
Montgomery ...	§	§	§	§	§	†	22	22	11	§	§	‡
Lahore ...	§	§	§	20	18	14	23	22	10	16	17	9
Amritsar ...	§	§	§	18	17	12	23	23	10	18	18	7
Gurdáspur ...	§	§	13	12	12	10	23	23	11	24	25	11
Siálkot ...	§	§	§	§	§	§	20	20	11	§	§	§
Gujrát ...	†	†	†	§	†	†	19	18	11	14	19	8
Gujránwála ...	†	†	†	16	16	10	22	21	11	20	20	8
Shahpur ...	24	24	15	16	16	15	28	28	11	16	16	8
Jhelum ...	‡	‡	†	‡	‡	‡	21	21	11	24	24	10
Ráwalpindi ...	‡	‡	‡	13	11	10	20	19	10	24	23	12
Hazára ...	†	†	†	§	§	§	16	16	9	21	21	11
Peshâwar ...	†	†	†	16	16	13	17	17	10	25	26	11
Kohát ...	†	†	†	§	§	§	17	18	10	23	20	12
Bannu ...	13	13	8	7	7	8	25	24	10	49	48	9
D. I. Khan ...	§	§	§	‡	‡	4	23	23	11	‡	26	9
D. G. Khan ...	§	§	§	§	§	§	18	17	10	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	18	17	11	§	§	§

† Not pro
‡ Not sold
§ Not pre

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JULY 1898—continued.

12			13			1
THE ORDINARY SEER OF 80 TOLAS.						
Arhur or Thur, Cadjan Pea (Cajanus Indicus).			*Firewood.*			
Present fortnight ending 15th July 1898.	Past fortnight ending 30th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th July 1898.	Past fortnight ending 30th June 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
†	†	†	100	100	100	Hissar.
11	10	10	100	120	120	Rohtak.
18	16	11	140	140	140	Gurgaon.
20	21	11	90	90	100	Delhi.
14	14	8	160	160	160	Karnál.
§	§	§	160	150	160	Umballa.
8	8	6	80	100	70	Simla.
12	12	7	100	100	100	Kángra.
8	8	8	110	110	130	Hoshiárpur.
§	§	§	100	100	110	Jullundur.
10	8	7	110	100	120	Ludhiána.
10	10	7	90	90	90	Ferozepore.
†	†	†	80	80	110	Mooltan.
‡	6	7	140	160	160	Jhang.
§	§	6	250	250	310	Montgomery.
11	10	7	90	85	100	Lahore.
‡	‡	§	90	90	110	Amritsar.
§	§	§	100	100	120	Gurdáspur.
§	§	§	130	130	130	Siálkot.
†	†	†	140	140	110	Gujrát.
‡	‡	†	95	95	95	Gujránwála.
†	†	†	160	160	160	Shahpur.
‡	‡	†	120	120	120	Jhelum.
‡	‡	14	65	65	80	Ráwalpindi.
†	†	†	81	81	81	Hazára.
13	12	12	60	60	83	Peshawar.
†	†	†	77	77	102	Kohát.
5	5	7	70	70	57	Bannu.
‡	‡	5	125	125	125	D. I. Khan.
§	§	§	100	100	100	D. G. Khan.
6	6	§	140	140	140	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Gram.—Prices average 21 seers as compared with 21 seers in last fortnight and 10 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Hissar ...	11	25	25
Ferozepore ...	11	22	23
Lahore ...	10	22	23
Shahpur ...	11	28	28
Bannu ...	10	24	25
D. I. Khan ...	11	23	23

Maize.—Prices average 22 seers as compared with 24 seers in last fortnight and 10 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Delhi ...	11	21	20
Kángra ...	7	12	12
Lahore ...	7	10	11
Bannu ...	7	5	5

duced.

arable.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt.					
	Present fortnight ending 15th July 1898.		Past fortnight ending 30th June 1898.		Corresponding fortnight of 1897.	
DISTRICTS.	Wholesale	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 4	11 0	11 4	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 0	12 0	12 4	12 0	11 0	11 0
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 12
Simla	9 0	8 0	8 8	8 0	9 4	8 8
Kángra	*	10 0	*	10 0	*	10 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	12 0	13 0	12 0	13 0	12 8
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	12 8	12 0	12 12	12 4	12 8	12 8
Jhang	11 12	11 8	11 12	11 8	12 12	12 4
Montgomery	12 12	12 8	12 12	12 8	12 12	12 8
Lahore	13 6	12 14	13 10	12 10	13 8	12 14
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 12
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	14 0	13 8	14 0	13 8	13 8	13 0
Shahpur	13 8	13 0	13 8	13 0	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	13 14	13 8	14 0	13 12	13 14	13 12
Hazára	*	11 8	*	11 8	*	11 0
Pesháwar	16 0	15 0	16 0	15 0	16 0	15 0
Kohát	19 4	16 8	18 0	16 4	20 8	17 [illegible]
Bannu	22 8	20 0	22 8	20 0	21 0	20 0
D. I. Khan	14 12	14 8	14 4	14 0	16 4	15 8
D. G. Khan	11 4	11 4	11 4	10 0	13 12	12 8
Muzaffargarh	12 6	12 0	12 4	12 0	12 0	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JULY 1898—concluded.

15			16			1	
THE ORDINARY SEER OF 80 TOLAS.							
Gur.			Cotton (unginned).				
Present fortnight ending 15th July 1898.	Past fortnight ending 30th June 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th July 1898.	Past fortnight ending 30th June 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.		
9 0	9 0	9 0	7 0	7 0	7 0	Hissar.	
10 0	11 0	11 0	9 0	9 0	8 0	Rohtak.	
10 0	10 0	10 0	9 0	9 0	9 0	Gurgaon.	
8 0	8 0	9 0	9 8	9 0	8 0	Delhi.	
11 0	11 0	10 0	11 0	11 0	10 0	Karnál.	
9 1	9 0	10 0	10 0	10 0	8 0	Umballa.	
5 8	6 0	5 0	†	†	†	Simla.	
7 0	7 0	6 0	6 0	6 0	6 0	Kángra.	
7 8	7 8	8 0	9 0	9 0	8 0	Hoshiárpur.	
7 8	7 8	8 0	11 0	11 0	9 8	Jullundur.	
7 0	7 0	7 8	8 0	8 0	7 8	Ludhiána.	
7 12	7 12	8 12	7 12	8 4	7 12	Ferozepore.	
7 0	7 8	8 0	9 0	9 0	7 0	Mooltan.	
8 8	8 0	8 8	12 0	10 0	8 0	Jhang.	
8 12	8 8	8 8	10 0	10 0	‡	Montgomery.	
7 14	7 12	8 10	9 8	9 8	7 12	Lahore.	
8 0	8 0	9 8	9 12	9 12	7 12	Amritsar.	
9 0	9 0	10 0	9 0	9 0	8 0	Gurdáspur.	
8 0	8 0	9 8	8 0	8 0	8 0	Siálkot.	
8 8	8 0	9 0	9 0	9 0	7 0	Gujrát.	
8 4	8 4	9 8	10 0	10 0	8 0	Gujránwála.	
8 0	8 0	8 8	10 0	10 0	10 0	Shahpur.	
8 0	8 8	9 12	‡	‡	‡	Jhelum.	
8 4	8 4	8 9	8 12	8 12	8 9	Ráwalpindi.	
6 12	7 0	6 12	§	§	§	Hazára.	
6 8	[illegible] 10	7 11	9 0	8 12	8 13	Peshάwar.	
7 3	7 11	8 10	11 8	11 8	11 8	Kohát.	
10 15	10 10	11 8	8 12	11 4	10 0	Bannu.	
8 10	8 10	10 0	‡	14 0	10 0	D. I. Khan.	
6 4	6 4	6 4	§	§	§	D. G. Khan.	
7 8	8 0	8 8	11 0	11 0	8 0	Muzaffargarh.	

sale salt sold.
duced.

curable.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS

1	2	3	4	5	6	7	8	9	10	11	12
	Wholesale Price per maund of 82 2/7 lbs.										
Name of District.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi	2 8 0	3 10 2	2 8 0	1 9 7	2 2 7	1 13 1	1 11 9	2 0 0	3 1 3	4 7 1	3 5 4
Ferozepore ...	2 0 0	5 11 5	2 5 8	1 4 0	2 8 0	2 8 0	2 13 8	1 11 5	4 0 0	4 7 1	4 14 11
Mooltan	1 7 8	2 12 1	2 9 11	1 11 9	2 5 7	2 1 8	2 5 7	2 2 1	...	4 3 4	3 10 2
Lahore	2 4 3	4 0 0	2 3 5	1 5 0	2 8 8	2 6 10	2 8 0	1 11 6	3 8 10	3 6 4	3 4 3
Amritsar	2 6 9	4 5 2	2 2 2	...	...	...	...	1 10 8	...	...	3 3 2
Ráwalpindi ...	2 0 0	5 5 1	2 5 8	1 6 0	2 0 0	2 0 0	1 10 8	2 0 6	3 13 0	3 4 0	5 0 0

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH JULY 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
OR 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.
20 0 0	5 0 0	4 14 4	10 10 8	34 9 6	3 1 3	8 0 0	11 6 10	...	0 8 0	0 8 0	0 10 8	125 0 0	60
5 11 5	5 0 0	5 0 0	13 4 0	36 0 0	2 10 8	5 0 0	11 7 0	47 8 0	0 4 0	0 5 3	...	75 0	50
6 10 8	5 0 0	5 5 4	11 7 2	37 10 3	3 4 2	10 0 0	13 5 4	...	0 4 11	0 6 4	...	70 0 0	50
4 9 2	4 9 2	4 14 9	12 8 9	35 4 0	2 9 0	5 11 5	12 4 11	32 8 0	0 10 8	0 6 7	...	112 8 0	100
...	...	...	12 12 10	...	2 6 8	...	...	...	...	0 5 10	...	...	70
4 0 0	4 0 0	4 10 0	13 5 4	30 0 0	2 12 3	4 0 0	11 14 0	29 0 0	0 8 0	0 6 5	0 10 8	60 0 0	60

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 16th July 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period	(a) 17,895	(a) 16,055 9 0	57,219 10	7,237 14 0	67 0 0	23,360 7 0	7,086	2,804	9,890
Or per mile of Railway	...	98 15 4	...	44 9 10	0 6 7	143 15 9	...	...	...
For previous 1 2/7 weeks of half year	23 784	18,088 8 0	90,645 0	9,458 1 0	81 0 0	27,627 9 0	9,203	3,523	12,726
Total for 2 2/7 weeks ...	41,679	34,144 1 0	147,864 10	16,695 15 0	148 0 0	50,988 0 0	16,289	6,327	22,616
COMPARISON.									
Total for corresponding week of previous year ...	16,124	13,579 14 6	60,289 20	8,370 5 0	76 1 6	22,026 5 0	7,142	2,919	10,061
Per mile of Railway corresponding week of previous year.	...	83 11 3	...	51 9 6	0 7 6	135 12 3	...	...	...
Total for corresponding 2 2/7 weeks of previous year ...	39,135½	32,038 8 2	158,673 10	22,516 15 0	165 1 3	54,720 8 5	16,820	7,457	24,277

(a) The increase is in outward traffic.

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 21st July 1898.

T. BASHFORD,
A[illegible]g Chief Auditor.

Punjab Government Press, Lahore—29-7-98—690.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, AUGUST 4, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 2nd AUGUST 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	0·02 at Sadr ... 0·10 in Hánsi. 0·81 in Bhiwáni. 0·70 in Fatahabad. 0·34 in Sirsa.	1. Sufficient ... 2. Good.	Wheat 16 seers ... Gram 23 seers. Bájra 22 seers.	Sowings in progress. Standing crops good.	...
2	Delhi ...	1·48 at Sadr ...	1. Sufficient ... 2. Good.	Wheat 15 seers ... Gram 20 seers. Bájra 21 seers.	Prospects fair ...	...
3	Umballa ...	2·16 at Sadr ...	1. Sufficient ... 2. Good.	Wheat 18 seers ... Gram 21 seers. Maize 28 seers.	Sowings completed ...	...
4	Jullur ...	Rainfall throughout	1. Sufficient ... 2. Fair.	Wheat 20 seers ... Gram 23 seers. Barley 28 seers.	Sowings continue. Stock of food-grain sufficient.	...
5	Ferozepore ...	0·11 at Sadr ... 0·20 in City. 1·24 in Moga. 0·89 in Zíra. 0·48 in Muktsar. 1·15 in Nathána. 0·88 in Jalálabad.	1. Sufficient ... 2. Good.	Wheat 17 seers ... Gram 23 seers. Maize 14 seers. Jowár 16 seers. Bájra 16 seers. Barley 32 seers.	Sowings continue ...	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	0·29 at Sadr ... 1·30 in Mailsi. 0·09 in Lodhrán. 0·45 in Kabírwála.	2. Good ...	Wheat 16⅝ seers	Crops in good condition ...	...
7	Lahore ...	2·01 at Sadr ... 0·68 in Chunián. 0·72 in Kasúr. 2·06 in Sharakpur.	1. Sufficient ...	Wheat 17 to 20 seers. Maize 20 to 24 seers.	Sowing going on. Standing crops are very good and promise well. Flights of locusts were seen in several parts of the district, but no damage has been reported so far.	...
8	Amritsar ...	Rainfall throughout.	1. Sufficient ... 2. Good.	Wheat 19⅝ seers Maize 26 seers.	Crops in good condition ...	...
9	Siálkot ...	1·83 average ...	1. Sufficient ... 2. Good.	Wheat 17½ to 19 seers per rupee. Rice 9½ to 10½ seers per rupee.	Kharif crops promising. Sowings continue.	...
10	Shahpur ...	...	1. Sufficient ...	Wheat 19 to 24 seers. Bájra 18 to 20 seers.	Crops being sown ...	...
11	Ráwalpindi ...	3·48 at Sadr ... 1·55 in Pindigheb. 5·84 in Attock. 3·45 in Fatahjang. 5·31 in Gujar Khan. 3·61 in Kahúta. 3·75 in Murree.	1. Sufficient ...	Wheat 18 seers ... Bájra 22 seers. Maize 25 seers.	Prospects good. Locusts passed Pindigheb Tahsíl, but did no damage.	...
12	Pesháwar ...	1·63 ...	1. Sufficient ... 2. Good.	Wheat 16 seers ... Maize 26 seers.	Crops being sown. Condition of standing crops good.	...
13	D. I. Khan ...	1·34 at Sadr ... 1·19 in Kuláchi. 1·00 in Leiah.	1. Sufficient ... 2. Good.	Wheat 20 seers ... Bájra 25 seers.	Condition of standing crops average. Rain badly wanted in parts.	...

GENERAL REMARKS.

Rainfall.—Rain ranging from ½ to 3¾ inches on the average has fallen in all districts except Shahpur.

Prices.—Price, especially of wheat, is generally unchanged It is falling only in Amritsar, Pesháwar and Dera Ismail Khan Prices of autumn crops have slightly risen in most districts on account of great demand for seed. Wheat is selling from 15 to 24 barley 28 to 32, gram 20 to 23, bulrush millet 16 to 25, maize 14 to 28, and great millet 16 seers per rupee.

Agricultural operations.—Sowings of autumn crops continue.

Crops and outturn.—Condition of standing crops is generally reported good. It is average in Dera Ismail Khan. Prospects have very much improved by recent rains. Rain is still badly wanted in parts of Dera Ismail Khan.

Damage done to crops.—Locusts passed over a part of Lahore and Ráwalpindi Districts, but did no damage.

Agricultural stock.—Cattle are generally said to be in good condition.

Pasturage.—Fodder sufficient throughout the Province.

P. D. SHROFF, *Supdt.,*

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 16TH JULY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	2	2	4	9	5	4	...	...	...	4	2	...	3	3	1	4	12	28	1
2		Hansi ...	15,190	5	9	14	9	2	7	...	...	...	2	1	...	6	1	4	5	48	31	2
3		Bhiwani ...	35,487	10	5	15	23	12	11	...	...	...	13	2	...	8	1	3	4	22	34	3
4		Sirsa ...	16,415	3	7	10	5	4	1	...	...	...	1	...	...	4	1	...	1	32	16	4
5	Rohtak ...	Rohtak ...	16,191	9	3	12	8	5	3	...	...	...	2	1	...	5	4	1	5	39	26	5
6		Jhajjar ...	11,881	4	8	12	1	1	...	..	..	...	1	...	...	...	...	...	...	53	4	6
7	Gurgaon ...	Rewari ...	27,934	6	9	15	14	7	7		...	...	8	1	2	3	1	...	1	28	26	7
8		Palwal ...	11,227	2	1	3	14	9	5	.	...	1	10	1	...	2	4	...	4	14	65	8
9	Delhi ...	Delhi ...	189,648	70	45	115	104	54	50	...	...	3	66	...	1	34	15	15	30	32	29	9
10		Sonepat ...	12,611	9	4	13	7	3	4		...	...	5	1	1	...	...	1	1	54	29	10
11	Karnal ...	Karnal ...	21,530	3	7	10	15	5	10	...	...	...	6	2	...	7	2	4	6	24	36	11
12		Kaithal ...	15,763	4	6	10	11	3	8	...	...	...	5	1	..	5	1	2	3	33	36	12
13		Panipat ...	27,547	9	7	16	16	8	8	..	..	...	5	2	...	9	2	2	4	30	30	13
14		Shahabad ...	11,473	2	2	4	5	4	1	...	...	...	4	1	...	...	1	...	1	18	23	14
15	Umballa ...	Umballa ...	26,856	4	4	8	7	5	2	...	...	...	3	...	...	4	1	2	3	16	14	15
16		Jagadhri ...	13,029	3	2	5	3	2	1	.	...	...	2	...	...	1	1	...	1	20	12	16
17		Sadhaura ...	10,445	2	...	2	1	...	1	...	...	...	1	...	...	...	...	...	...	10	5	17
18	Hoshiarpur...	Hoshiarpur ...	17,546	4	1	5	5	1	4	..	...	...	2	...	...	3	1	1	2	15	15	18
19		Tanda and Urmar	11,632	3	5	8	5	4	1	...	...	...	1	1	...	3	2	1	3	36	22	19
20	Jullundur ...	Jullundur ...	50,375	22	19	41	15	9	6	...	...	...	11	1	...	3	1	...	1	42	16	20
21		Rahon ...	10,667	2	1	3	5	2	3	...	...	...	2	...	...	3	...	2	2	15	24	21
22		Kartarpur ...	10,441	3	5	8	8	3	5	...	...	...	4	...	...	4	...	2	2	40	40	22
23	Ludhiana ...	Ludhiana ...	46,024	10	5	15	21	12	9	...	...	...	10	...	...	11	4	...	4	17	24	23
[illegible]		Jagraon ...	18,116	9	7	16	14	7	7	...	...	...	9	1	...	4	3	2	5	46	40	24
25	Ferozepore...	Ferozepore ...	25,337	4	2	6	10	4	6	...	...	...	1	1	...	8	...	1	1	12	21	25
26	Mooltan ...	Mooltan ...	64,265	19	16	35	27	18	9	...	...	...	13	1	...	13	5	2	7	28	22	26
27	Jhang ...	Maghiana ...	13,866	8	2	10	23	12	11	...	...	...	10	1	...	12	3	3	6	38	86	27
28		Chiniot ...	13,476	7	3	10	11	6	5	...	...	...	2	...	...	9	2	2	4	39	43	18

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	41	32	73	85	45	40	...	...	..	56	5	2	22	10	12	22	24	28	29
30		Kasur ...	20,290	7	7	14	15	9	6	...	...	1	6	...	...	8	3	2	5	36	39	30
31		Chunian ...	10,339	7	4	11	1	..	1	...	...	...	...	...	...	1	...	1	1	55	5	31
32	Amritsar ...	Amritsar ...	135,401	54	44	98	105	66	39	...	...	...	52	4	1	48	16	10	26	38	40	32
33	Gurdaspur ...	Batala ...	...	Returns not received.																		33
34	Sialkot ...	Sialkot ...	33,965	14	16	30	15	8	7	...	...	...	6	2	1	6	1	2	3	46	23	34
35	Gujrat ...	Gujrat ...	17,671	11	10	21	3	1	2	...	...	...	3	...	...	...	...	...	...	62	9	35
36		Jalalpur ...	11,065	4	5	9	5	3	2	...	...	...	2	...	...	3	...	...	...	42	24	36
37	Gujranwala...	Gujranwala ...	25,892	9	4	13	8	6	2	...	...	...	5	...	...	3	2	...	2	26	16	37
38		Wazirabad ...	15,786	4	1	5	9	4	5	...	...	...	3	1	...	5	3	1	4	17	30	38
39	Shahpur ...	Bhera ...	17,428	4	7	11	10	6	4	...	...	...	2	1	...	7	2	...	2	33	30	39
40	Jhelum ...	Pind Dadan Khan	15,055	2	3	5	8	...	8	...	...	...	3	4	...	1	...	2	2	17	28	40
41	Rawalpindi...	Rawalpindi ...	38,334	5	4	9	15	9	6	...	...	...	8	1	...	6	3	1	4	12	20	41
42	Peshawar ...	Peshawar ...	63,079	13	12	25	24	10	14	...	..	...	19	2	...	3	3	2	5	21	20	42
43	Kohat ...	Kohat ...	14,347	1	...	1	8	5	3	...	...	...	5	1	...	2	...	...	...	4	29	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	5	5	10	18	7	11	...	...	...	16	...	...	2	3	5	8	24	44	44
45	D. G. Khan...	Dera Ghazi Khan	23,899	...	1	1	8	4	4	...	...	...	5	1	...	2	1	1	2	2	17	45
	Grand Total ...		1,385,552	419	342	761	733	390	343	...	...	5	394	43	8	283	106	90	196	29	28	
	Hill Sanitaria.																					
	Simla ...	...	13,279	1	5	6	7	1	6	...	...	...	2	1	...	4	...	2	2	24	27	
	Dharmsala...	...	2,778	...	...	...	4	2	2	...	...	...	1	1	...	2	...	1	1	...	75	
	Dalhousie ...	...	...	Returns not received.																		
	Murree ...	...	1,459	...	2	2	3	2	1	...	...	...	2	1	...	...	...	1	1	71	10	

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 29th July 1898.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGEON LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 16TH JULY 1898.

Births and Deaths in Municipal Towns.—In the 44 large Municipal towns 761 births were registered (419 males and 342 females), giving a birth-rate of 29 per *mille* of population; 733 deaths were registered (390 males and 343 females), giving a death-rate of 28 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGEON-LIEUT.-COLONEL,

Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 29th July 1898.

NORTH-WESTERN RAILWAY.

Abstract of Principal Commodities carried over the North-Western Railway during the month of May 1898 as compared with the same month of the previous year.

No.	Staples.		1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
			No.	No.	No.	No.	
1	Animals	...	510	874	364	...	
			Tons.	Tons.	Tons.	Tons.	
2	Coal and coke	...	2,780	3,204	424	...	
3	Cotton, raw	...	6,065	4,065	...	2,000	
4	Cotton, manufactured—						
	(1) Twist and yarn, European	...	231	114	...	117	
	(2) Twist and yarn, Indian	...	185	300	124	...	
	(3) Piece-goods, European	...	1,695	2,228	533	...	
	(4) Piece-goods, Indian	...	1,461	1,308	...	153	
	Drugs and chemicals—						
	(1) Intoxicating other than opium	...	44	43	...	1	
	(2) Non-intoxicating—						
	(a) Cinchona bark	...	...	...	...	...	
	(b) Others	...	893	1,077	184	...	
	Dyes and tans—						
	(1) Indigo	...	145	83	...	62	
	(2) Myrabolams	...	21	16	...	5	
	(3) Cutch	...	4	4	...	...	
	(4) Turmeric	...	386	404	18	...	
	(5) Alizarine and aniline dyes	...	112	57	...	55	
	(6) Others	...	368	444	76	...	
7	Grain and pulse—						
	(1) Wheat	...	36,355	148,094	111,739	...	
	(2) Rice in the husk	...	410	1,022	612	...	
	(3) Rice not in the husk	...	6,477	6,021	...	456	
	(4) Jowár and bájra	...	8,477	2,653	...	5,824	
	(5) Gram and pulse	...	13,545	17,013	3,468	...	
	(6) Others	...	1,736	2,351	615	...	
8	Hides and skins—						
	(1) Hides of cattle—						
	(a) Dressed or tanned	...	545	231	...	314	
	(b) Raw	...	772	395	...	377	
	(2) Skins of sheep, &c.—						
	(a) Dressed or tanned	...	46	8	...	38	
	(b) Raw	...	413	382	...	31	
9	Horns	...	8	5	...	3	
10	Jute—						
	(1) Raw	...	7	−2	...	9	
	(2) Gunny bags and cloth	...	2,722	5,498	2,776	...	
11	Lac—						
	(1) Stick	...	1	2	1	...	
	(2) Shell	...	23	18	...	5	
12	Leather, manufactured	...	117	138	21	...	
13	Liquors—						
	(1) Beer	...	514	812	298	...	
	(2) Spirits	...	50	43	...	7	
	(3) Wines	...	240	251	11	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
14	Metals—					
	(1) Copper, unwrought ...	10	18	8	...	
	(2) Brass, unwrought ...	21	35	14	...	
	(3) Copper, wrought ...	31	62	31	...	
	(4) Brass, wrought ...	97	105	8	...	
	(5) Iron ...	3,236	1,976	...	1,260	
	(6) Others ...	193	182	...	11	
15	Oils—					
	(1) Kerosine ...	684	559	...	125	
	(2) Castor ...	15	16	1	...	
	(3) Cocoanut oil ...	18	18	...	...	
	(4) Others ...	278	346	68	...	
16	Oil-seeds—					
	(1) Linseed ...	143	237	94	...	
	(2) Rape and mustard ...	5,667	12,217	6,550	...	
	(3) Til or jinjili ...	1,795	223	...	1,572	
	(4) Poppy ...	206	193	...	13	
	(5) Earthnut ...	4	6	2	...	
	(6) Castor ...	...	5	5	...	
	(7) Cotton seed ...	1,868	2,194	326	...	
	(8) Others ...	1,651	5,132	3,481	...	
17	Opium ...	15	15	...	...	
18	Paper and paste-boards ...	137	568	431	...	
19	Provisions—					
	(1) Ghi ...	1,013	725	...	288	
	(2) Dried fruits ...	660	699	39	...	
	(3) Flour ...	3,258	1,960	...	1,298	
	(4) Others ...	1,477	1,560	83	...	
20	Railway Materials for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders ...	...	...	...	...	
	(2) Carriages and Trucks ...	...	...	...	...	
	(3) Materials for construction—					
	(a) Wooden sleepers ...	3,876	60	...	3,816	
	(b) Other sorts ...	2,284	1,226	...	1,058	
21	Salt ...	7,251	7,070	...	181	
22	Saltpetre, &c.—					
	(1) Saltpetre ...	262	307	45	...	
	(2) Other saline substances ...	447	401	...	46	
23	Silk, raw—					
	(1) Foreign ...	17	13	...	4	
	(2) Indian ...	5	7	2	...	
24	Silk piece-goods—					
	(1) Foreign ...	1	...	...	1	
	(2) Indian ...	7	9	2	...	
25	Spices—					
	(1) Betelnut ...	44	36	...	8	
	(2) Pepper ...	100	130	30	...	
	(3) Ginger ...	37	31	...	6	
	(4) Chillies ...	226	155	...	71	
	(5) Cardamums ...	12	16	4	...	
	(6) Others ...	322	374	52	...	
26	Stone and lime ...	6,571	7,976	1,405	...	
27	Sugar—					
	(1) Refined ...	4,908	4,278	...	630	
	(2) Unrefined ...	8,187	5,125	...	3,062	

No.	Staples.		1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
			Tons.	Tons.	Tons.	Tons.	
28	Tea—						
	(1) Foreign	...	28	23	...	5	
	(2) Indian	...	247	153	...	94	
29	Timber	...	4,186	4,277	91	...	
30	Tobacco—						
	(1) Unmanufactured	...	699	636	...	63	
	(2) Manufactured—						
	(a) Cigars	...	12	15	3	...	
	(b) Others	...	132	83	...	49	
31	Wool, raw	...	2,014	825	...	1,189	
32	Wool, manufactured—						
	(1) Piece-goods, European	...	16	23	7	...	
	(2) Piece-goods, Indian	...	123	114	...	9	
	(3) Shawls	...	...	...	...	...	
33	All other articles of merchandise—						
	(1) Firewood	...	3,420	6,354	2,934	...	
	(2) Manures	...	2,798	618	...	2,180	
	(3) Fodder	...	3,649	1,948	...	1,701	
	(4) Lucifer matches	...	69	66	...	3	
	(5) Others	...	7,379	11,000	3,621	...	
			No.	No.	No.	No.	
	Total ... Animals	...	510	874	364	...	
			Tons.	Tons.	Tons.	Tons.	
	Total ... Goods	...	168,654	280,691	112,037	...	

LAHORE:
The 15th July 1898.

J. SHAW,
Examiner of Accounts, North-Western Railway.

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of June 1898 as compared with the same month of the previous year.

	STAPLES.	Total 1898.	Total 1897.	Increase.	Decrease.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
I	COAL AND COKE CARRIED FOR THE PUBLIC AND FOREIGN RAILWAYS	3,732	2,514	1,218	...	
II	COTTON, RAW—					
	(1) Full pressed	6,103	6,280	...	177	
	(2) Intermediate and half pressed ...	60	102	...	42	
	(3) Unpressed	1,069	1,127	...	58	
III	COTTON, MANUFACTURED—					
	(1) Twist and Yarn, European ...	108	69	39	...	
	(2) Twist and Yarn, Indian ...	912	572	340	...	
	(3) Piece-goods, European ...	1,787	1,013	774	...	
	(4) Piece-goods, Indian	1,133	1,158	...	25	
IV	DRUGS AND CHEMICALS—					
	(1) Intoxicating other than opium ...	11	7	4	...	
	(2) Non-intoxicating—					
	(a) Cinchona bark	...	...	...	...	
	(b) Others	36	71	...	35	
V	DYES AND TANS—					
	(1) Indigo	14	26	...	12	
	(2) Myrabolams	10	13	...	3	
	(3) Cutch	8	5	3	...	
	(4) Turmeric	143	192	...	49	
	(5) Aniline dyes	66	64	2	...	
	(6) Others	306	313	...	7	
VI	GRAIN AND PULSE—					
	(1) Wheat	30,627	18,859	11,768	...	
	(2) Rice in the husk	135	60	75	...	
	(3) Rice not in the husk	1,630	1,441	189	...	
	(4) Jowár and Bájra	9,154	1,222	7,932	...	
	(5) Gram and Pulse	7,825	7,944	...	119	
	(6) Others	5,819	10,804	...	4,985	
VII	HIDES AND SKINS—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	69	191	...	122	
	(b) Raw	258	318	...	60	
	(2) Skins of sheep, &c.—					
	(a) Dressed or tanned ...	33	44	...	11	
	(b) Raw	181	237	...	56	
VIII	HORNS	2	4	...	2	
IX	JUTE—					
	(1) Raw	54	104	...	50	
	(2) Gunny bags and cloth	1,696	1,324	372	...	
X	LAC—					
	(1) Stick	4	18	...	14	
	(2) Shell	3	11	...	8	
XI	LEATHER, MANUFACTURED	58	40	18	...	
XII	LIQUORS—					
	(1) Beer	229	243	...	14	
	(2) Spirits	4	1	3	...	
	(3) Wines	51	43	8	...	
XIII	METALS—					
	(1) Copper, unwrought	61	26	35	...	
	(2) Brass, unwrought	157	111	46	...	
	(3) Copper, wrought	16	11	5	...	
	(4) Brass, wrought	70	105	...	35	
	(5) Iron	2,527	2,763	...	236	
	(6) Others	334	123	211	...	
XIV	OILS—					
	(1) Kerosene	442	513	...	71	
	(2) Castor	24	33	...	9	
	(3) Cocoanut	29	63	...	34	
	(4) Others	241	342	...	101	

	Staples.	Total 1898.	Total 1897.	Increase.	Decrease.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
XV	Oil-seeds—					
	(1) Linseed	3,814	1,120	2,694	...	
	(2) Rape and Mustard	7,195	6,918	277	...	
	(3) Til or Jinjili	1,182	381	801	...	
	(4) Poppy	1,882	1,637	245	...	
	(5) Earthnuts	113	18	95	...	
	(6) Castor	518	600	...	82	
	(7) Others	3,918	2,443	1,475	...	
XVI	Opium	413	723	...	310	
XVII	Paper and Paste-board	86	56	30	...	
XVIII	Provisions—					
	(1) Ghi	452	410	42	...	
	(2) Dried Fruits and Nuts ...	587	409	178	...	
	(3) Others	657	400	257	...	
XIX	Railway Plant and Rolling Stock carried for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders and parts thereof	190	61	129	...	
	(2) Carriages and trucks and parts thereof	11	1,068	...	1,057	
	(3) Materials—					
	(a) Steel rails and fish plates ...	751	111	640	...	
	(b) Sleepers and keys of steel and cast-iron	179	209	...	30	
	(c) Other sorts	1,020	654	1,275	...	
XX	Salt	27,267	25,299	1,968	...	
XXI	Saltpetre, &c.—					
	(1) Saltpetre	740	1,076	...	336	
	(2) Other saline substances ...	205	73	132	...	
XXII	Silk, Raw—					
	(1) Foreign	17	19	...	2	
	(2) Indian	...	...	...	...	
XXIII	Silk Piece-Goods—					
	(1) Foreign	1	1	...	...	
	(2) Indian	...	1	...	1	
XXIV	Spices—					
	(1) Betelnuts	20	40	...	20	
	(2) Pepper	28	28	...	...	
	(3) Ginger	12	11	1	...	
	(4) Chillies	202	200	92	...	
	(5) Cardamoms	3	4	...	1	
	(6) Others	876	655	221	...	
XXV	Stone and Lime	3,854	3,677	177	...	
XXVI	Sugar—					
	(1) Refined or crystallized, including sugarcandy.	5,621	2,623	2,998	...	
	(2) Unrefined, *viz.*, molasses and jaggery or gur and other saccharine produce.	5,188	4,492	696	...	
XXVII	Tea—					
	(1) Foreign	1	6	...	5	
	(2) Indian	125	202	...	77	
XXVIII	Timber	2,608	2,291	317	...	
XXIX	Tobacco—					
	(1) Unmanufactured	3,333	2,692	641	...	
	(2) Manufactured—					
	(a) Cigars	10	6	4	...	
	(b) Other sorts	52	418	...	366	
XXX	Wool, Raw	815	804	11	...	
XXXI	Wool, Manufactured—					
	(1) Piece-goods, European ...	7	11	...	4	
	(2) Piece-goods, Indian	21	3	18	...	
	(3) Shawls	...	...	...	...	
XXXII	All other articles of merchandise—					
	(1) Firewood	1,159	1,534	...	375	
	(2) Hay and Grass	69	68	1	...	
	(3) Mowra flowers and seeds ...	385	500	...	115	
	(4) Others	9,977	8,117	1,860	...	
	Total ...	163,803	132,602	40,317	9,116	
	Net Increase ...	...	...	31,201	...	

Traffic Audit Office, Ajmere: }
The 25th July 1898. }

R. A. ENGLISH,
Chief Auditor and Accountant.

Punjab Government Press, Lahore—4-8-98—690.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, AUGUST 11, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 9th AUGUST 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of	
					Kharif (Autumn).	Rabi (Spring).
1	Hissar ...	0·11 in Hánsi ...	1. Sufficient ... 2. Good.	Wheat 16 seers ... Gram 21 seers. Bájra 22 seers.	Sowings completed. Crops in good condition. Rain much needed.	...
2	Delhi ...	3·9 at Sadr ...	1. Sufficient ... 2. Good.	Wheat 16 seers ... Gram 20 seers. Bájra 21 seers.	Prospects fair ...	...
3	Umballa ...	2·03 at Sadr ...	1. Sufficient ... 2. Good.	Wheat 18¼ seers Gram 21½ seers. Maize 28 seers.	Sowings completed. Crops in good condition.	...
4	Jullundur ...	Slight rainfall ...	1. Sufficient ... 2. Fair.	Wheat 20½ seers Gram 22¼ seers. Barley 30 seers.	Sowings finished. Maize and cotton weeding commenced.	...
5	Ferozepore ...	0·58 at Sadr ... 0·57 in City. 0·42 in Moga. 0·47 in Zíra. 0·95 in Muktsar. 2·53 in Fázilka. 0·55 in Nathána. 0·94 in Jalálabad.	1. Sufficient ... 2. Good.	Wheat 18 seers ... Gram 23 seers. Maize 16 seers. Barley 32 seers. Jowár 19 seers. Bájra 16 seers.	Sowings over ...	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharff (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	2. Good ...	Wheat 16½ seers	Crops in good condition ...	...
7	Lahore ...	0·87 at Sadr ... 1·06 in Chunián. 0·50 in Kasúr. 0·68 in Sharakpur.	1. Sufficient ...	Wheat 18½ to 23 seers. Maize 20 to 26 seers.	Sowings in progress. Standing crops in good condition.	...
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 20 seers ... Maize 25 seers.	Sowings nearly completed. Crops in good condition	...
9	Siálkot ...	0·51 average ...	1. Sufficient ... 2. Good.	Wheat 17¾ to 19½ seers per rupee. Rice 9½ to 10½ seers per rupee.	Crops promise well. Weeding commenced.	Ploughing commenced.
10	Shahpur ...	1·49 in Bhera ...	1. Sufficient ...	Wheat 19 to 24 seers. Bájra 18 to 21 seers.	Crops being sown ...	...
11	Ráwalpindi ...	0·02 at Sadr ... 0·27 in Pindigheb. 1·56 in Fatahjang. 2·31 in Attock. 1·10 in Gujar Khan. 0·58 in Kahúta. 4·41 in Murree.	1. Sufficient ...	Wheat 17½ seers Bájra 21 seers. Maize 24 seers.	Prospects good ...	...
12	Peshâwar ...	0·32 ...	1. Sufficient ... 2. Good.	Wheat 16¼ seers Maize 27½ seers.	Crops being sown. Condition of standing crops good.	...
13	D. I. Khan ...	...	1. Sufficient ... 2. Good.	Wheat 20 seers ... Bájra 25 seers.	Condition of standing crops average. Rain wanted badly. Sowings in progress.	...

GENERAL REMARKS.

Rainfall.—Rain ranging from ⅓ to 3¾ inches has fallen in all districts except Mooltan, Amritsar and Dera Ismail Khan. A slight fall is also reported from Jullundur.

Prices.—Prices, especially of wheat, are unchanged in Hissar, Mooltan, Shahpur and Dera Ismail Khan; are falling in Peshâwar and rising elsewhere Wheat is selling from 16 to 24, gram 20 to 23, barley 30 to 32, bulrush millet 16 to 25, maize 16 to 28 and great millet 19 seers per rupee.

Agricultural operations.—Sowings of autumn crops mostly completed, but still in progress in some districts.

Crops and outturn.—The condition and prospects of standing crops are generally good. Weeding commenced. More rain is urgently wanted in the Hissar and Dera Ismail Khan Districts.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient throughout the Province.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING JUNE 1898.

Station.	Pressure.		Wind.		Temperature in shade.								
	Barometer at 8 A.M.	Variation from normal.	Mean direction and force in June 1898.	Normal direction and force in June.	8 A.M.	Mean maximum.	Variation from normal.	Mean minimum.	Variation from normal.	Mean monthly variation from normal.	Humidity.	Vapour tension.	Amount of cloud. (10 overcast).
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Delhi ...	29·459	— ·038	N. 22° E. 7	N. 60° W. 5	90·8	104·7	+ 0·4	86·0	+ 2·6	+ 1·5	52	·730	3
Sirsa ...	29·440	— ·046	S. 58° W. 8	S. 88° W. 5	92·0	109·4	+ 2·8	86·2	+ 3·4	+ 3·1	48	·706	3
Umballa ...	29·462	?	S. 74° E. 3	? ?	87·3	105·1	?	82·2	?	?	66	·839	2
Ludhiána ...	29·436	— ·050	S. 28° E. 4	N. 74° W. 2	91·3	107·9	+ 2·1	85·0	+ 4·9	+ 3·5	52	·739	2
Lahore ...	29·424	— ·049	S. 14° E. 3	N. 19° W. 4	91·3	107·7	+ 2·1	85·5	+ 5·6	+ 3·9	50	·711	1
Montgomery ...	29·411	?	S. 22° W. 11	? ?	95·0	112·4	?	86·6	?	?	40	·655	1
Siálkot ...	29·428	— ·044	S. 86° E. 4	N. 77° E. 2	93·4	110·8	+ 5·2	85·4	+ 5·3	+ 5·3	46	·681	1
Ráwalpindi* ...	29·400	— ·046	E. 3	S. 15° E. 3	91·9	110·4	+ 7·7	81·5	+ 6·8	+ 7·3	43	·629	3
Khusháb ...	29·416	?	N. 85° E. 8	? ?	93·8	110·6	?	...	?	?	43	·663	2
Pesháwar ...	29·388	— ·064	N. 34° W. 3	N. 50° E 4	92·3	109·9	+ 4·5	79·4	+ 2·8	+ 3·7	39	·570	2
Dera Ismail Khan	29·405	— ·063	N. 73° E. 3	S. 79° E. 2	92·8	109·7	+ 2·8	83·8	+ 3·0	+ 2·9	58	·881	3
Mooltan* ...	29·411	— ·049	S. 32° W. 3	S. 25° W. 4	93·2	112·0	+ 5·3	87·6	+ 5·4	+ 5·4	51	·771	1
Simla ...	22·991	— ·015	N. 18° E. 4	S. 76° W. 0	66·5	74·8	— 0·5	61·7	+ 1·1	+ 0·3	69	·440	5
Murree ...	23·707	— ·012	S. 13° E. 6	S. 2° W. 7	76·1	87·1	+ 5·1	69·5	+ 5·0	+ 5·1	43	·380	2
Srinagar ...	24·700	?	S. 3° W. 4	? ?	71·1	89·2	?	59·5	?	?	81	·630	2
Gulmarg† ...	21·785	?	N. 39° E. 5	? ?	64·4	73·5	?	46·4	?	?	67	·409	2
Skardu ...	22·755	?	N. 32° W. 7	? ?	70·2	85·5	?	58·5	?	?	44	·323	3
Dras ...	20·743	?	N. 45° W. 6	? ?	63·4	81·2	?	42·5	?	?	88	·523	3
Cherát ...	25·469	?	N. 32° W. 10	? ?	83·1	97·9	?	77·1	?	?	39	·425	2

* Mean of 29 days.

† Mean of 25 days.

As was the case last year, there was considerable delay in the establishment of the monsoon along the west coast of India and over the Bay, and during the month under review there was no incursion of monsoon winds into the Punjab, though a good deal of showery weather was reported at different periods during the month. The most unsettled period was between the 12th and the 15th, when a moderate cyclonic storm was in existance over the north-west of the Bay, and moist winds from the Bay blew up the Gangetic plain into the Punjab, and resulted in general, and in places severe, dust and thunder storms. Duststorms with rain were reported from Khushάb on the 2nd and from Sirsa on the 3rd, but with these exceptions fine hot weather with hot winds prevailed during the first week. On the 8th the sky became more cloudy on the hills, and showers fell at Simla on the 8th and at Simla and Ráwalpindi on the 9th. On the following day duststorms with rain were reported from Delhi, Umballa and Simla, and on the 11th the sky was becoming cloudy generally with a light shower at Siálkot. The amount of cloud increased on the next day and duststorms and showers, heavy at Lahore, Khusháb, Umballa and Simla, were reported from all parts of the Province, except the Indus Valley during the 13th, 14th and 15th. On the 16th the weather cleared, and for the next fortnight, up to the 28th, fine weather, broken only by a few local showers at Khusháb, Ludhiána, Umballa and Simla, prevailed uninterruptedly. On the 29th the sky became cloudy and the weather showery on the hills, and on the 30th cloudy weather extended to the plains stations, and moderate to heavy showers were reported from Delhi, Umballa, Ludhiána, Siálkot, Ráwalpindi, Simla and Murree.

Pressure and Winds.—Pressure was very unsteady during the month and was on the average of the month below the normal over all parts of the Province. The deficiency was less on the hills than on the plains and was greatest at the Indus Valley stations The wind was more south-easterly than usual and the wind force was abnormally high.

Temperature.—The mean temperature of the month was everywhere—both hills and plains—above the normal. The excess was as much as 7° at Ráwalpindi, 5° at Siálkot, Mooltan and Murree, and 3° at Sirsa, Ludhiána, Lahore and Peshάwar. This excess was attributable to the absence of cool monsoon winds and to the intermittent character and the general lightness of the rainfall. The hottest stations were Mooltan with a mean temperature of 99°·8 and Montgomery with a mean temperature of 99°·5, while the least hot place on the plains was Umballa with a mean of 93°·. Both the day and night temperatures were lower than the normal at all stations except at Simla, where the day temperatures were a trifle below the average.

The following table shows the variations from the normal of the mean temperature of the Province on each day of the month and the highest maximum temperature registered in the Province on each day, with the name of the station recording it :—

Date.	Variation from normal of mean temperature of Province during the previous 24 hours.	Highest maximum temperature recorded during the previous 24 hours.	Station at which registered.	Date.	Variation from normal of mean temperature of Province during the previous 24 hours.	Highest maximum temperature recorded during the previous 24 hours.	Station at which registered.
1	2	3	4	1	2	3	4
1898.				1898.			
June 1st ...	+ 4·1	118·1	Montgomery.	June 16th ...	— 4·9	106·3	Khusbáh
" 2nd ...	+ 3·7	115·6	Do.	" 17th ...	+ 0·1	108·4	Mooltan.
" 3rd ...	+ 1·8	113·3	Sirsa.	" 18th ...	+ 3·8	113·4	Do.
" 4th ...	+ 1·9	? 112·0	Ráwalpindi	" 19th ...	+ 6·0	115·1	Montgomery.
" 5th ...	+ 4·8	117·5	Mooltan.	" 20th ...	+ 5·8	116·1	Do.
" 6th ...	+ 7·0	117·6	Montgomery.	" 21st ...	+ 5·5	117·1	Do.
" 7th ...	+ 7·4	117·0	Montgomery and Mooltan.	" 22nd ...	+ 7·4	118·6	Do.
				" 23rd ...	− 6·7	116·0	Peshάwar.
" 8th ...	+ 8·1	116·4	Khusháb.	" 24th ...	+ 5·0	116·5	Do.
" 9th ...	+ 7·5	117·6	Montgomery.	" 25th ...	+ 4·2	116·5	Do.
" 10th ...	+ 3·7	114·1	Do.	" 26th ...	+ 4·8	114·0	Do.
" 11th ...	+ 3·8	114·1	Do.	" 27th ...	+ 5·6	115·0	Ráwalpindi and Peshάwar
" 12th ...	+ 1·7	115·5	Mooltan.				
" 13th ...	+ 1·0	111·4	Do.	" 28th ...	+ 7·2	117·0	Ditto ditto.
" 14th ...	+ 0·4	115·5	Do.	" 29th ...	+ 7·8	117·5	Peshάwar.
" 15th ...	— 4·8	105·5	Montgomery.	" 30th ...	+ 1·3	115·0	Do.

From the 1st to the 14th the mean temperature of the Province exceeded the normal by amounts ranging from 8°·1 on the 8th to only 0°·4 on the 14th, then on the 15th and 16th accompanying the showery weather noticed above, the mean temperature fell to nearly 5° below the normal; on the 17th the mean was just about the normal, but on the 18th it had risen above it and so continued until the close of the month, the greatest excess being recorded on the 22nd, 28th and 29th.

The highest maximum recorded during the month was 118°·6 at Montgomery on the 22nd, but on every day throughout the month with the exception of the 15th, 16th and 17th a temperature exceeding 110° was recorded at some station in the Province.

Humidity and Cloud.—The humidity and the amount of cloud were generally lower than usual.

Rain.—During the month rain fell at every station throughout the Province, except Dera Ismail Khan, but the amounts received at Mooltan and Pesháwar were very small and of no importance. The fall during the month was short of the normal almost everywhere, but at Khusháb, Lahore and Simla the average amount was exceeded. At the two former stations this result was due to one or two heavy local falls, while at the latter station the showers were somewhat more frequent than usual. The excess was over 2″ in the case of Simla, 1½″ at Khusháb, and ½″ at Lahore. Over the remainder of the Province the rainfall was in defect, the deficiency amounting to nearly 3″ at Delhi, 1½″ at Siálkot, 1¼″ at Ráwalpindi, and 1″ at Sirsa. In Kashmir the shortness of the rainfall was more marked than in the Punjab, and Srinagar throughout the month received only 0·24″ of rain in place of its normal fall of 4·12″.

The following table gives the rainfall data for the Punjab stations for June 1898:—

STATION	Normal average rainfall in June.	Actual rainfall in June 1898.	Difference from the average in June 1898.
1	2	3	4
Punjab, West.	Inches.	Inches.	Inches.
Mooltan	0·59	0·17	— 0·42
Dera Ismail Khan	0·54	0	— 0·54
Khusháb	0·70	2·32	+ 1·62
Pesháwar	0·35	0·05	— 0·30
Murree	2·87	2·22	— 0·65
Srinagar	4·12	0·24	— 3·88
Gulmarg	?	0·98	?
Skardu	0·54	0·01	— 0·53
Dras	?	0·42	?
Cherát	0·48	0·33	— 0·15
Ráwalpindi	1·71	0·44	— 1·27
Siálkot	3·08	1·62	— 1·46
Lahore	1·84	2·28	+ 0·44
Montgomery	1·24	0·69	— 0·55
Punjab, East.			
Umballa	3·83	3·70	— 0·13
Ludhiána	2·41	1·96	— 0·45
Simla	6·79	9·01	+ 2·22
Delhi	3·35	0·50	— 2·85
Sirsa	1·91	0·87	— 1·04

SIMLA: }
The 19th July 1898. }

W. L. DALLAS,
Meteorological Reporter to Government, Punjab.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

QUANTITIES PER RUPEE BY THE

1	2			3			4			5		
Districts.	Wheat.			Barley.			Rice (best sort).			Rice (common).		
	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs	Srs.	Srs.	Srs.
Hissar ...	16	16	10	29	29	12	...	...	...	10	10	6
Rohtak ...	16	15	10	26	25	11	...	...	...	10	10	8
Gurgaon ...	16	16	10	26	26	13	...	...	...	8	7	7
Delhi ...	15	15	10	25	25	13	...	...	...	10	10	8
Karnál ...	17	17	10	30	30	13	...	...	...	8	8	7
Umballa ...	18	18	10	24	24	12	...	...	...	10	10	8
Simla ...	13	12	8	18	17	11	...	...	...	8	8	6
Kángra ...	17	16	12	23	23	16	...	...	...	11	10	8
Hoshiárpur ...	19	19	11	26	25	16	...	...	...	9	10	8
Jullundur ...	20	20	11	29	24	14	...	...	...	9	9	8
Ludhiána ...	19	19	11	31	30	13	...	...	...	8	8	7
Ferozepore ...	17	17	10	31	31	12	...	...	...	7	7	6
Mooltan ...	15	15	11	23	23	13	...	...	...	14	14	9
Jhang ...	20	19	11	25	24	14	...	...	...	12	10	9
Montgomery (a)	...	17	11	...	‡	‡	...	...	...	...	10	6
Lahore ...	18	17	10	29	30	14	...	...	...	10	10	7
Amritsar ...	18	18	10	28	28	13	...	...	...	10	9	7
Gurdáspur ...	20	20	10	32	32	14	...	...	...	11	10	7
Siálkot ...	18	17	10	27	27	13	...	...	...	11	11	6
Gujrát ...	19	17	11	28	30	13	...	...	...	9	9	7
Gujránwála ...	20	18	11	34	32	15	...	...	...	10	11	7
Shahpur ...	22	22	12	32	30	16	...	...	...	7	7	6
Jhelum ...	20	19	11	27	26	15	...	...	...	10	10	8
Ráwalpindi ...	17	17	11	29	29	17	...	...	...	8	8	6
Hazára ...	16	15	11	28	26	15	...	...	...	8	9	6
Peshávar ...	15	15	11	23	28	18	...	...	...	7	8	7
Kohát ...	17	17	11	26	23	16	...	...	...	11	11	8
Bannu ...	24	23	11	43	39	15	...	...	...	12	12	7
D. I. Khan ...	20	19	10	24	24	13	...	...	...	7	7	5
D. G. Khan ...	16	16	11	21	21	13	...	...	...	13	13	6
Muzaffargarh	15	16	13	22	22	14	...	...	...	15	15	8

† Not pro
‡ Not sold.
§ Not pro
(a) Statemen

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST JULY 1898.

ORDINARY SEER OF 80 TOLAS.

6			7			1	
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*				
Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
16	21	11	21	21	9	Hissar.	
22	21	8	21	20	7	Rohtak.	
22	22	9	23	23	9	Gurgaon.	
18	18	11	21	21	9	Delhi.	
20	20	8	18	18	5	Karnál.	
21	21	10	20	20	7	Umballa.	
20	20	7	16	16	7	Simla.	
†	†	†	†	†	†	Kángra.	
16	13	13	16	16	9	Hoshiárpur.	
17	16	11	18	18	8	Jullundur.	
24	18	11	19	19	6	Ludhiána.	
19	16	11	16	16	8	Ferozepore.	
16	16	12	18	18	8	Mooltan.	
20	20	5	‡	‡	5	Jhang.	
...	‡	§	...	§	†	Montgomery. (*a*)	
23	15	12	19	16	8	Lahore.	
24	14	10	17	15	8	Amritsar.	
21	16	10	11	11	10	Gurdáspur.	
21	17	8	15	15	§	Siálkot.	
16	13	7	16	14	7	Gujrát.	
28	14	10	17	17	8	Gujránwála.	
18	14	8	18	16	8	Shahpur.	
22	21	12	21	21	10	Jhelum.	
22	20	11	21	20	8	Ráwalpindi.	
§	§	§	18	16	6	Hazára.	
23		8	16	16	7	Peshawar.	
§	§	§	26	24	10	Kohát.	
41	41	8	40	40	7	Bannu.	
30	30	9	25	25	7	D. I. Khan.	
19	22	9	23	23	9	D. G. Khan.	
15	16	9	16	16	7	Muzaffargarh.	

duced.

curable.
not received.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

QUANTITIES PER RUPEE BY

1	8			9			10			11		
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	23	25	10	†	†	10
Rohtak ...	†	†	†	10	10	10	20	20	10	18	18	9
Gurgaon ...	†	†	†	†	†	†	20	20	10	16	16	9
Delhi ...	†	†	†	12	12	9	20	20	10	23	23	11
Karnál ...	24	24	10	8	8	8	20	20	10	20	20	8
Umballa ...	§	§	§	14	14	§	20	21	10	28	28	11
Simla ...	15	14	10	9	9	7	16	15	8	24	21	10
Kángra ...	§	§	§	‡	‡	‡	17	17	10	22	22	12
Hoshiárpur ...	18	20	§	10	10	10	23	22	11	25	25	13
Jullundur ...	§	§	§	18	17	13	23	22	11	24	25	11
Ludhiána ...	†	†	†	15	15	13	23	23	10	28	28	12
Ferozepore ...	†	†	†	16	16	8	23	23	10	16	14	10
Mooltan ...	†	†	†	16	16	12	18	19	11	16	16	9
Jhang ...	24	30	12	30	30	8	18	19	10	20	19	6
Montgomery (a) ...	...	§	§	...	§	†	...	22	11	...	§	‡
Lahore ...	§	§	§	23	20	14	23	23	10	22	16	9
Amritsar ...	§	§	†	19	18	12	24	23	10	23	18	8
Gurdáspur ...	§	§	13	12	12	10	24	23	11	24	24	11
Siálkot ...	§	§	§	§	§	§	21	20	10	§	§	§
Gujrát ...	†	†	†	†	§	†	20	19	11	16	14	7
Gujránwála ...	†	†	†	16	16	12	22	22	11	18	20	8
Shahpur ...	24	24	15	16	16	15	28	28	11	16	16	8
Jhelum ...	‡	‡	‡	‡	‡	‡	22	21	11	24	24	10
Ráwalpindi ...	‡	‡	‡	13	13	10	20	20	10	24	24	12
Hazára ...	†	†	†	§	§	§	16	16	9	23	21	9
Peshâwar ...	†	†	†	18	16	14	18	17	9	25	25	11
Kohát ...	†	†	†	§	§	§	18	17	10	23	13	14
Bannu ...	13	13	8	7	7	8	27	25	11	50	49	11
D. I. Khan ...	§	§	§	‡	‡	4	23	23	11	‡	‡	8
D. G. Khan ...	§	§	§	§	§	§	18	18	10	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	20	18	11	§	§	§

† Not pro
‡ Not sold.
§ Not pro
(a) Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST JULY 1898—continued.

12			13			1	
THE ORDINARY SEER OF 80 TOLAS.							
Arhur or Thur, Cadjan Pea (Cajanus Indicus).			*Firewood.*				
Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
†	†	†	100	100	100	Hissar.	
13	11	10	120	100	120	Rohtak.	
18	18	11	140	140	140	Gurgaon.	
20	20	11	90	90	100	Delhi.	
14	14	8	160	160	160	Karnál.	
§	§	§	160	160	150	Umballa.	
9	8	6	80	80	70	Simla.	
12	12	7	100	100	100	Kángra.	
8	8	8	110	110	130	Hoshiárpur.	
§	§	§	100	100	110	Jullundur.	
10	10	7	110	110	110	Ludhiána.	
10	10	7	90	90	90	Ferozepore.	
†	†	†	80	80	110	Mooltan.	
6	‡	8	160	140	140	Jhang.	
...	§	6	...	250	310	Montgomery. (*a*)	
11	11	7	90	90	110	Lahore.	
‡	‡	†	90	90	110	Amritsar.	
§	§	§	100	100	120	Gurdáspur.	
§	§	§	130	130	130	Siálkot.	
†	†	†	140	140	110	Gujrát.	
‡	‡	†	95	95	95	Gujránwála.	
†	†	†	160	160	160	Shahpur.	
‡	‡	†	120	120	120	Jhelum.	
‡	‡	14	65	65	80	Ráwalpindi.	
†	†	†	81	81	81	Hazára.	
1[illegible]	13	11	60	60	83	Pesháwar.	
†	†	†	81	77	102	Kohát.	
5	5	7	70	70	58	Bannu.	
‡	‡	5	125	125	125	D. I. Khan.	
§	§	§	100	100	100	D. G. Khan.	
6	6	§	140	140	140	Muzaffargarh.	

Firewood.—Prices average 107 seers as compared with 112 seers in last fortnight and 120 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Seers.	Seers.	Seers.
Umballa	...	150	160	160
Hoshiárpur	...	130	110	110
Mooltan	...	110	80	80
Gujrát	...	110	140	140
Pesháwar	...	83	60	60

duced.

eurable.
not received

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt.					
DISTRICTS.	Present fortnight ending 31st July 1898		Past fortnight ending 15th July 1898.		Corresponding fortnight of 1897	
	Wholesale	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 0	11 0	11 4	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 0	12 0	12 0	11 0
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 12
Simla	9 0	8 0	9 0	8 0	8 8	8 0
Kángra	*	10 0	*	10 0	*	10 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	12 0	13 0	12 0	13 0	12 8
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	12 8	12 0	12 8	12 0	12 8	12 8
Jhang	11 12	11 8	11 12	11 8	12 12	12 8
Montgomery (a)	...	...	12 12	12 8	12 12	12 0
Lahore	13 7	12 11	13 6	12 14	13 5	12 13
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 12
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	14 0	13 12	14 0	13 8	13 14	13 12
Shahpur	13 8	13 0	13 8	13 0	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	13 14	13 8	13 14	13 8	13 14	13 12
Hazára	*	11 8	*	11 8	*	11 0
Peshávar	15 0	14 0	16 0	15 0	16 0	15 0
Kohát	19 4	16 8	19 4	16 8	17 14	16 9
Bannu	22 8	20 0	22 8	20 0	23 0	21 0
D. I. Khan	14 10	14 6	14 12	14 8	16 4	15 8
D. G. Khan	11 4	10 0	11 4	11 4	13 2	11 14
Muzaffargarh	12 6	12 0	12 6	12 0	12 0	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro
(a) Statement

Prices Current of food-grains for the fortnight ending 15th June 1898.

Against Jhang District under the head " Mandwa " *read* 30 seers *for* 40 seers.

Ditto ditto ' Kangni " „ 30 „ 40 „

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31st JULY 1898—concluded.

15			16			1
THE ORDINARY SEER OF 80 TOLAS.						
Gur.			*Cotton (unginned).*			
Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898	Corresponding fortnight of 1897.	DISTRICTS
Srs. C.	Srs. C.	Srs. C	Srs. C.	Srs. C.	Srs. C	
9 0	9 0	9 0	7 0	7 0	7 8	Hissar.
10 0	10 0	11 0	9 0	9 0	8 0	Rohtak.
10 0	10 0	9 8	9 0	9 0	9 0	Gurgaon.
8 0	8 0	8 8	9 0	9 8	7 0	Delhi.
11 0	11 0	10 0	11 0	11 0	10 0	Karnál.
9 0	9 1	10 0	11 0	10 0	8 0	Umballa
5 8	5 8	5 0	†	†	†	Simla.
7 0	7 0	6 0	6 0	6 0	6 0	Kángra.
7 0	7 8	8 0	9 0	9 0	8 0	Hoshiárpur.
7 8	7 8	8 0	11 0	11 0	9 8	Jullundur.
7 0	7 0	7 4	8 0	8 0	7 4	Ludhiána.
7 12	7 12	8 4	7 12	7 12	7 12	Ferozepore.
7 0	7 0	8 0	9 0	9 0	7 0	Mooltan.
8 0	8 8	8 8	10 0	12 0	8 0	Jhang
...	8 12	8 8	...	10 0	‡	Montgomery.[a]
8 0	7 14	8 4	0 0	9 8	7 12	Lahore.
8 4	8 0	9 8	9 12	9 12	7 12	Amritsar.
8 8	9 0	10 0	9 0	9 0	8 0	Gurdáspur.
8 0	8 0	10 0	8 0	8 0	7 8	Siálkot.
8 0	8 8	9 0	9 0	9 0	7 0	Gujrát.
8 4	8 4	9 4	9 8	10 0	8 0	Gujránwála.
7 8	8 0	8 0	10 0	10 0	10 0	Shahpur.
8 8	8 0	0 12	‡	‡	‡	Jhelum.
8 4	8 4	8 12	8 12	8 12	8 12	Ráwalpindi.
6 12	6 12	6 12	§	§	§	Hazára.
6 10	6 8	7 8	9 3	9 0	8 9	Pesháwar.
7 4	7 3	8 9	11 8	11 8	11 8	Kohát.
10 15	10 15	10 10	8 12	8 12	10 0	Bannu.
8 6	8 10	10 0	‡	‡	10 0	D. I. Khan.
6 4	6 4	6 4	§	§	§	D. G. Khan.
7 8	7 8	8 8	11 0	11 0	8 0	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Lahori Salt.—Prices average 12 seers 10 chatáks as compared with 13 seers 0 chatáks in last fortnight and 13 seers 7 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Delhi ...	11 0	12 0	12 0
Ludhiána ...	12 8	12 0	12 0
Jhang ...	12 8	11 8	11 8
Ráwalpindi ...	13 12	13 8	13 8

Kohát Salt.—Prices average 13 seers 4 chatáks as compared with 13 seers 12 chatáks in last fortnight and 14 seers 0 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Pesháwar ...	15 0	15 0	14 0
D. G. Khan ...	11 14	11 4	10 0

Gur.—Prices average 8 seers 2 chatáks as compared with 8 seers 8 chatáks in last fortnight and 9 seers 0 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Rohtak ...	11 0	10 0	10 0
Kángra ...	6 0	7 0	7 0
Gurdáspur ...	10 0	9 0	8 8
Siálkot ...	10 0	8 0	8 0
Kohát ...	8 9	7 3	7 4
D. I. Khan ...	10 0	8 10	8 6

Cotton (unginned).—Prices average 9 seers 5 chatáks as compared with 9 seers 5 chatáks in last fortnight and 8 seers 0 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Umballa ...	8 0	10 0	11 0
Jullundur ...	9 8	11 0	11 0
Jhang ...	8 0	12 0	10 0
Gujrát ...	7 0	9 0	9 0
Bannu ...	10 0	8 12	8 12
Muzaffargarh ..	8 0	11 0	11 9

sale salt sold.
duced.

curable.
not received.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS

1	2	3	4	5	6	7	8	9	10	11	12
	WHOLESALE PRICE PER MAUND OF 82⅟₇ lbs.										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi	2 8 0	3 10 2	2 8 0	1 9 7	2 2 7	1 13 1	1 11 9	2 0 0	3 1 3	4 7 1	3 5 4
Ferozepore ...	2 0 0	5 11 5	2 5 7	1 4 8	2 1 8	2 8 0	2 8 0	1 11 10	4 0 0	4 7 1	4 15 5
Mooltan	1 7 8	2 12 1	2 10 6	1 11 9	2 5 7	2 1 8	2 5 7	2 2 4	...	4 2 4	3 10 2
Lahore	2 0 9	4 0 0	2 1 4	1 4 8	1 11 0	2 0 0	1 10 10	1 10 6	3 8 10	3 4 3	3 3 8
Amritsar	2 3 7	4 1 8	2 1 3	...	...	...	...	1 10 1	...	...	3 3 2
Ráwalpindi ...	2 0 0	5 5 1	2 5 1	1 6 0	1 13 1	1 14 6	1 10 1	2 0 0	3 13 0	3 4 0	3 12 0

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 31ST JULY 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
OR 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.
20 0 0	5 0 0	4 11 4	11 0 6	34 11 4	3 1 3	8 0 0	11 6 10	...	0 8 0	0 8 0	0 10 8	125 0 0	60
5 11 5	5 0 0	5 0 0	13 4 0	35 0 0	2 13 8	5 0 0	11 6 10	45 0 0	0 4 0	0 5 0	...	75 0 0	65
6 10 8	5 0 0	5 5 4	11 7 2	37 10 3	3 6 6	10 0 0	13 5 4	...	0 4 11	0 6 4	...	70 0 0	50
4 9 2	4 11 3	4 13 7	12 8 9	35 4 0	2 8 5	5 11 5	12 4 11	32 8 0	0 10 8	0 7 1	...	112 8 0	100
...	...	...	12 12 10	...	2 6 8	...	...	...	...	0 6 1	...	...	...
5 0 0	4 0 0	4 10 0	13 5 4	30 0 0	2 10 8	4 0 0	11 14 0	32 0 0	0 6 5	0 6 9	0 10 8	60 0 0	60

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

PUBLIC WORKS DEPARTMENT,

Irrigation Operations of Fasl Kharif

Canals.	Water distributed during June 1898. Depth in Canal at regulating gauge. Full supply.	Actual throughout.	Gross consumption, cubic feet per second. Designed full supply.	Actual average throughout.
1	2	3	4	5
MAJOR IRRIGATION WORKS.				
SWAT RIVER CANAL	6·00	4·00	700	458
Total ...	...	...	700	458
WESTERN JUMNA CANAL. At Dádupur	7·00	5·00	6,178	3,706
Main Line, Major Distributaries	...	...	500	193
Sirsa Branch	...	4·60	1,800	1,143
Delhi Branch	...	5·10	1,850	996
Hánsi Branch	...	4·10	2,150	823
Loss in Main Line	...	...	...	543
Total utilized ...	...	...	...	3,698
Escapage (including Canal Tail)	...	...	...	8
Total ...	...	...	6,178	3,706
BARI DOAB CANAL. Main Canal (Head Gauge, Rapid No. 2)	3·61	4·11	3,555	4,311
Salampur Feeder	4·00	3·52	1,445	1,160
Total entering Canal ...	...	...	5,000	5,471
Kasúr Branch Lower at Tarsika	5·40	5·00	53[illegible]	548
Sobraon Branch at Gagarbhána	4·95	3·59	437	450
Main Line and Main Branch Upper Distributaries ...	...	...	...	542
Main Branch Lower	4·58	4·16	2,245	2,242
Lahore Branch	2·69	2·83	920	1,044
Total utilized ...	...	...	...	4,826
Escapage	...	...	...	645
Total ...	...	...	5,000	5,471
SIRHIND CANAL. Main Line	9·43	8·72	6,000	5,354
Abohar Branch	5·96	5·61	2,052	1,706
Bhatinda Branch	5·97	4·81	1,788	1,065
Feeders	9·30	8·92	2,160	2,046
Loss in Main Line	...	...	...	376
Total utilized ...	...	...	...	5,193
British Escapes	...	...	...	161
Total ...	...	...	6,000	5,354
Carried over ...	...	...	...	...

PUNJAB, IRRIGATION BRANCH.

of 1898 *up to* 30*th June* 1898.

LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* June 1898.	Area irrigated *to end of* June 1898.	Area irrigated *to end of* June 1897.	REMARKS.
7		8	9	10	11	12	13	14	15
Peshâwar ...	7,978	12	0·55	0·05	Sugarcane ...	7	1,829	1,846	Canal ran throughout the month.
					Rice ...	50	328	300	
					Cotton ...	597	3,196	2,023	
					Indigo ...	...	...	...	
					Maize ...	3	4	15	
					Jowár and chari.	66	92	100	
					Miscellaneous	801	2,529	2,277	
...	7,978	...	...	...	...	1,524	7,978	6,561	
Umballa ...	433	20	3·76	2·05	Sugarcane ...	14,494	82,430	68,775	Canal ran constantly. A very low river supply in this and the two previous months, together with the rainfall explain the decrease in area
Karnál ...	36,887		1·42	2·75	Rice ...	3,511	3 533	7,277	
Rohtak ...	47,201		2·00	1·31	Cotton ...	23,596	56,943	121,372	
Delhi ...	26,1[illegible]8		2·27	2·07	Indigo ...	(*a*) − *2,079*	6,826	29 297	
Hissar ...	43,560		0·87	1·47	Maize ...	135	139	475	
Jínd ...	9,979		1·42	2·52	Jowár and chari.	478	1,202	25,651	
Bikaner ...	38	...	...	...					
Kalsia ...	132	...	...	...	Miscellaneous	− *619*	24,332	71,498	
Patiála ...	11,017	6	2·73	2·9					
...	175,405	...	...	...	...	39,516	175,405	324,345	
Gurdáspur ...	21,275	19	3·73	1·59	Sugarcane ...	706	26,272	27,762	Canal ran throughout the month. Short irrigation due to heavy rabi.
Amritsar ...	73,075		2·83	0·89	Rice ...	12 984	14,040	19,353	
Lahore ...	129,637		2·03	1·25	Cotton ...	14,269	53,968	75,696	
					Indigo ...	1	1	14	
					Maize ...	162	698	984	
					Jowár and chari.	8,851	20,369	27,474	
					Miscellaneous	41,534	108,630	121,855	
...	223,987	...	...	...	...	78,507	223,987	273,138	
Ludhiána ...	5,[illegible]	15	1·88	1·49	Sugarcane ...	2 096	9,176	6,432	Canal ran for 29 days. Demand slack.
Ferozepore ...	30,25[illegible]		1·95	1·12	Rice ...	96	97	21	
Hissar ...	29	...	...	...	Cotton ...	4,197	7,205	12,288	
Farídkot State	2,848	...	...	...	Indigo ...	275	810	697	
Patiála " ...	14,55[illegible]	15	2·14	2·23	Maize ...	202	202	235	
Nábha " ...	2,9[illegible]6				Jowár and chari.	8,855	10,131	53,875	
Jínd " ...	2,16[illegible]								
Kalsia " ...	484				Miscellaneous	18,283	31,566	86,550	
...	59,187	...	...	...	...	34,004	* 59,187	160,098	
...	466,557	...	...	...	...	153,551	466,557	764,142	

(*a*) Due to cotton area having been shown as "Indigo" in May 1898.

* Includes the following areas irrigated by Native States Branches, *viz.*—

	During June 1898.	*To end of June 1898.*	*To end of June 1897.*
Patiála State	5,073 acres.	11,716 acres.	29,320 acres.
Nábha "	1,216 "	1,731 "	3,070 "
Jínd "	1,205 "	2,120 "	4,039 "
Total ...	7,494 "	15,567 "	36,429 "

Irrigation Operations of Fasl Khar

Canals.	Water distributed during June 1898.			
	Depth in Canal at regulating gauge.		*Gross consumption, cubic feet per second.*	
	Full supply.	Actual throughout.	Designed full supply.	Actual [illegible]rage throu[illegible]out.
1	2	3	4	5
Brought forward ...	...	...	...	...
MAJOR IRRIGATION WORKS—concluded.				
Chenab Canal. Main Line ...	9·60	8·67	8,313	5,164
Chenab Canal. Kot Nikka Branch ...	5·00	...	324	280
Chenab Canal. Mián Ali Branch ...	6·15	7·16	805	796
Chenab Canal. Rakh Branch ...	5·90	5·00	1,122	1,000
Chenab Canal. Jhang Branch Upper ...	9·00	7·52	1,522	1,089
Chenab Canal. Jhang Branch Lower ...	7·00	4·70	726	517
Chenab Canal. Bhawána Branch ...	6·00	5·40	434	355
Chenab Canal. Gugera Branch (for construction only) ...	...	...	2,986	386
Chenab Canal. Distributaries of Main Line ...	...	...	394	293
Chenab Canal. Loss in Main Line ...	...	...	...	363
Total Main Line ...	...	...	...	5,079
Chenab Canal. Escapage ...	...	...	...	85
Total ...	...	...	8,313	5,164
Lower Sohag and Para Canal ...	7·00	4·10	1,800	700
Total ...	...	...	1,800	700
Sidhnai Canal ...	...	...	1,600	Dry.
Subsidiary Canals ...	...	...	520	Dry.
Total ...	...	...	2,120	...
Abstract—Major Irrigation Works—				
Swat River Canal ...	...	...	700	458
Western Jumna Canal ...	...	...	5,000	[illegible]96
Bári Doáb Canal ...	...	...	5,000	[illegible]471
Sirhind Canal ...	...	...	6,000	5,354
Chenab Canal ...	...	...	8,313	5,164
Lower Sohág and Pára Canal ...	...	...	1,800	700
Sidhnai Canal ...	...	...	2,120	Dry.
Total ...	...	...	...	...

of 1898 *up to 30th June* 1898—continued.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* June 1898.	Area irrigated *to end of* June 1898.	Area irrigated *to end of* June 1897.	
6	7	8	9	10	11	12	13	14	15
...	466,557	...	...	...	...	153,551	466,557	764,142	
Gujránwála ...	61,356	...	...	...	Sugarcane ...	455	27,898	23,388	Canal ran throughout the month.
Jhang ...	121,563	...	...	...	Rice ...	3,354	3,872	3,189	
					Cotton ...	12,149	105,235	107,740	
					Indigo ...	...	...	...	
					Maize ...	65	78	33	
					Jowár and chári.	3,054	11,167	7,576	
					Miscellaneous	8,929	34,669	36,804	
...	182,919	...	...	...	...	28,006	* 182,919	178,730	
					Sugarcane ...	182	191	252	Short irrigation due to heavy rabi and low river.
					Rice ...	119	119	838	
					Cotton ...	1,943	2,376	11,783	
					Indigo ...	...	...	8	
Montgomery	6,056	5	1·15	1·03	Maize ...	37	37	533	
					Jowár and chari.	404	455	2,571	
					Miscellaneous	2,560	2,878	5,901	
...	6,056	...	...	...	...	5,245	6,056	21,886	
					Sugarcane ...	46	46	190	
					Rice ...	...	...	1,264	
					Cotton ...	675	675	13,077	
Mooltan ...	6,689	36	0·43	0·15	Indigo ...	...	...	963	
					Maize ...	..	...	24	
					Jowár and chari.	62	62	1,143	
					Miscellaneous	828	5,906	41,690	
...	6,689	...	...	...	...	1,611	6,689	58,351	
...	7,978	...	...	...	...	1,524	7,978	6,561	
...	175,405	...	...	...	...	39,516	175,405	324,345	
...	223,987	...	...	...	...	78,507	223,987	273,138	
...	59,187	...	...	...	...	34,004	59,187	160,098	
...	182,919	...	...	...	...	28,006	182,919	178,730	
...	6,056	...	...	...	...	5,245	6,056	21,886	
...	6,689	...	...	...	...	1,611	6,689	58,351	
...	662,221	...	...	...	...	188,413	662,221	1,023,109	

* Of this, 58,524 acres are free of charge.

Irrigation Operations of Fasl Kharif

	Canals.	Water distributed during June 1898. Depth in Canal at regulating gauge. Full supply.	Actual throughout.	Gross consumption, cubic feet per second. Designed full supply.	Actual average throughout.
	1	2	3	4	5
	Total Major Irrigation Works brought forward ...	...	...	...	...
	MINOR IRRIGATION WORKS.				
Upper Sutlej Canals.	Katora Canal	7·00	7·80	800	977
	Khánwah „	7·00	3·80	1,800	343
	Upper Sohág „	7·00	4·90	1,400	861
	Total ...	...	...	4,000	2,181
Shahpur Canals (Imperial).	Eastern Station Canal	6·00	2·10	350	60
	Western „ „	6·00	4·70	200	138
	Sáhiwál Canal	8·00	4·90	550	256
	Total ...	...	...	1,100	454
	Lower Sutlej and Chenab Canals	...	...	...	...
	Indus Canals	...	...	...	...
	Muzaffargarh Canals	...	...	...	...
Ghaggar Canals.	Northern Canal Head	7·00	1·50	566	40
	Southern Canal Head	6·50	0·80	434	9
	Minor Channels	...	2·60	100	5
	Total discharge ...	...	...	1,100	54
	Bikanir Border.				
	Northern Canal	6·00	1·80	283	36
	Southern Canal	5·00	1·00	217	7
	Total Bikanir ...	...	...	500	43
	Utilized British Territory	...	...	600	11
	Total ...	...	...	1,100	54
	Abstract—Minor Irrigation Works—				
	Upper Sutlej Canals	...	...	4,000	2,181
	Shahpur Canals (Imperial)	...	...	1,100	454
	Lower Sutlej and Chenab Canals ...	...	...	...	...
	Indus Canals	...	...	...	...
	Muzaffargarh Canals	...	...	...	...
	Ghaggar Canals	...	...	1,100	54
	Total ...	...	...	...	...
Shahpur Canals (Provincial).	Raniwah West Canal	7·00	3·90	520	198
	„ East „	7·00	4·50	300	145
	Corbynwah Canal	5·00	3·00	113	48
	Total ...	...	...	993	391
	Total Major Irrigation Works	...	...	...	...
	Total Minor Irrigation Works	...	...	...	...
	Total Major & Minor Irrigation Works (Imperial)	...	...	...	...
	Shahpur Canals (Provincial)	...	...	...	...
	GRAND TOTAL	...	...	...	...

LAHORE:
The 5th August 1898.

of 1898 *up to 30th June* 1898—concluded.

LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				REMARKS.
Zillah.	Acres.	Number of years on which average is struck	Average	During month.	Name.	Area irrigated *during* June 1898.	Area irrigated *to end of* June 1898.	Area irrigated *to end of* June 1897.	
6	7	8	9	10	11	12	13	14	15
...	652,221	...	...	...	...	188,413	662,221	1,023,109	
					Sugarcane ...	109	127	278	Short irrigation due to heavy rabi and low river.
Lahore ...	12,500	5	2·85	0·60	Rice ...	2,117	2,212	6,302	
					Cotton ...	4,084	5,992	22,170	
Montgomery	12,892	...	...	...	Indigo ...	3	3	...	
					Maize ...	191	191	132	
					Jowár & chari	2,869	3,140	5,753	
					Miscellaneous	11,290	13,727	15,527	
...	25,392	...	...	...	...	20,663	25,392	50,162	
Shahpur ...	10,262	9	1·36	2·00	Sugarcane ...	24	66	71	
					Rice ...	205	205	...	
					Cotton ...	895	2,625	10,942	
					Indigo ...	...	...	...	
					Maize ...	...	1	...	
					Jowár & chari	583	619	1,166	
					Miscellaneous	6,363	6,746	4,613	
...	10,262	...	...	...	...	8,070	10,262	16,792	
Mooltan ...	71,441	36	0·44	0·14	...	49,730	71,441	146,958	
D. G. Khan...	55,759	10	0·25	0·12	...	47,309	55,759	70,532	
Muzaffargarh	66,234	5	0·48	...	...	39,425	66,234	75,858	
Hissar ...	481	...	...	...	Sugarcane ...	...	...	...	
Bikanir State	613	...	...	...	Rice ...	...	...	...	
					Cotton ...	1	40	...	
					Indigo ...	...	...	...	
					Maize ...	5	639	...	
					Jowár & chari	...	21	...	
					Miscellaneous	24	394	...	
...	1,094	...	...	...	...	30	1,094	...	
...	25,392	...	...	...	...	20,663	25,392	50,162	
...	10,262	...	...	...	...	8,070	10,262	16,792	
...	71,441	...	...	...	...	49,730	71,441	146,958	
...	55,759	...	...	...	...	47,309	55,759	70,532	
...	66,234	...	...	...	...	39,425	66,234	75,858	
...	1,094	...	...	...	...	30	1,094	...	
...	230,182	...	...	...	...	165,317	230,182	360,302	
Shahpur ...	11,375	9	1·08	1·55	Sugarcane ...	11	97	48	
					Rice ...	656	656	...	
					Cotton ...	116	477	1,698	
					Indigo ...	...	...	...	
					Maize ...	...	6	8	
					Jowár & chari	152	182	567	
					Miscellaneous	7,378	9,956	7,179	
...	11,375	...	...	...	...	8,313	11,375	9,500	
...	662,221	...	...	...	...	188,413	662,221	1,023,109	
...	230,182	...	...	...	...	165,317	230,182	360,302	
...	892,403	...	...	...	...	353,730	892,403	1,383,411	
...	11,375	...	...	...	...	8,313	11,375	9,500	
...	903,778	...	...	...	...	362,043	903,778	1,392,911	

L. M. JACOB,
Under-Secretary to Government, Punjab,
P. W. D., Irrigation Branch.

MORTUARY RETURN FO

Deaths registered from different causes in each district

No.	Districts.	Population according to Census of 1891.	Births.	Deaths.	Birth-rate per *mille* per annum.	Death-rate per *mille* per annum.	Plague. Males.	Plague. Females.	Plague. Total.	Cholera. Males.	Cholera. Females.	Cholera. Total.	Small-pox. Children under one year. Males.	Small-pox. Children under one year. Females.	Small-pox. One to under 12 years. Males.	Small-pox. One to under 12 years. Females.	Small-pox. Twelve and over 12 years. Males.	Small-pox. Twelve and over 12 years. Females.	Total of Small-pox.	Causes. Fevers. Males.	Causes. Fevers. Females.	Causes. Fevers. T[otal]
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	2
1	Hissar ...	775,808	1,420	2,061	22	32	...	...	...	...	...	...	1	...	12	10	...	...	23	722	780	1,
2	Rohtak ...	590,446	1,539	1,776	32	37	...	...	...	...	...	...	...	...	...	...	...	1	1	670	710	1,
3	Gurgaon ...	668,863	1,734	2,503	32	46	...	...	...	...	...	...	4	7	20	15	...	...	46	947	893	1,
4	Delhi ...	635,224	1,497	2,226	29	43	...	...	...	...	...	...	2	3	18	12	1	4	40	642	679	1,
5	Karnál ...	861,097	2,038	3,546	29	50	...	...	...	...	...	...	4	...	8	10	...	...	22	1,131	1,086	2,
6	Umballa ...	804,849	1,641	2,420	25	37	...	...	...	...	...	...	24	19	106	80	11	15	255	800	766	1,
7	Simla ...	35,246	80	85	28	29	...	...	...	...	...	...	...	...	...	...	...	...	...	15	16	
8	Kángra ...	759,458	2,005	2,212	32	35	...	...	...	...	...	...	...	...	...	...	2	1	3	771	738	1,5
9	Hoshiárpur ...	1,011,644	2,654	2,292	32	28	8	8	16	...	...	...	3	7	11	12	4	5	42	649	639	1,2
10	Jullundur ...	891,347	2,783	2,619	38	36	193	242	435	...	...	...	1	1	6	3	3	1	15	556	570	1,1
11	Ludhiána ...	648,655	1,743	1,842	33	35	...	...	...	...	...	...	...	...	14	9	3	1	27	594	602	1,1
12	Ferozepore ...	861,499	1,983	2,176	28	31	...	...	...	...	...	...	5	2	33	12	7	4	63	740	654	1,3
13	Mooltan ...	620,859	1,283	1,309	25	26	...	...	...	...	...	...	...	...	1	3	...	...	4	530	450	98
14	Jhang ...	436,821	1,357	1,473	38	41	...	...	...	...	...	...	...	1	1	1	...	...	3	525	451	97
15	Montgomery	499,449	1,217	990	30	24	...	...	...	...	...	...	5	7	13	16	1	4	46	272	234	50
16	Lahore ...	1,055,619	2,547	3,087	29	36	...	...	...	...	...	...	3	4	16	15	...	1	39	1,008	921	1,92
17	Amritsar ...	990,990	2,455	3,157	30	39	...	...	...	...	...	...	9	2	29	29	4	3	76	939	946	1,88
18	Gurdáspur ...	940,785	2,297	2,302	30	30	...	...	...	...	...	...	4	4	9	9	...	5	31	804	764	1,56
19	Siálkot ...	1,098,712	3,179	2,898	35	32	...	...	...	...	...	...	13	6	35	41	7	8	110	883	854	1,73
20	Gujrát ...	760,823	1,848	1,651	30	26	...	...	...	...	...	...	2	...	4	1	1	...	8	556	518	1,07
21	Gujránwála ...	690,061	2,410	2,281	42	40	...	...	...	...	...	...	...	...	...	...	...	...	...	897	838	1,7
22	Shahpur ...	493,535	1,006	1,107	25	27	...	...	...	...	...	...	...	...	1	...	...	...	1	351	402	7
23	Jhelum ...	605,774	1,183	1,360	24	27	...	...	...	...	...	...	...	...	...	...	...	...	...	421	462	8
24	Ráwalpindi ...	845,259	1,883	1,723	27	25	...	...	...	...	...	...	...	1	1	1	...	1	4	621	667	1,2
25	Hazára ...	476,125	1,683	762	43	19	...	...	...	...	...	...	3	3	6	7	1	...	20	251	255	5
26	Peshâwar ...	679,183	1,770	1,370	32	25	...	...	...	...	...	...	1	...	1	1	...	...	3	657	501	1,1
27	Kohát ...	182,487	373	287	25	19	...	...	...	...	...	...	...	...	2	2	1	1	6	128	91	2
28	Bannu ...	369,972	663	863	22	28	...	...	...	...	...	...	...	...	...	2	1	...	3	392	360	7
29	D. I. Khan ...	482,463	618	1,756	16	44	...	...	...	...	...	...	3	...	1	4	1	...	9	741	717	1,4
30	D. G. Khan ...	399,860	450	682	14	21	...	...	...	...	...	...	3	1	6	10	1	3	24	300	249	5
31	Muzaffargarh	381,072	394	653	13	21	...	...	...	...	...	...	...	1	...	1	1	...	3	315	243	5
	TOTAL ...	20,553,982	49,733	55,469	29	33	201	250	451	...	...	...	90	69	354	306	50	58	927	18,828	18,056	36,
	Total in previous month...	...	50,183	53,537	29	31	66	66	132	...	...	...	114	89	335	290	28	30	886	17,903	16,919	34
	Total in same month of past year ...	...	64,270	41,672	38	25	...	...	...	10	3	13	261	205	448	436	149	144	1,643	13,259	12,398	2

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 6th August 1898.

THE MONTH OF JUNE 1898.

the Punjab during the month of June 1898.

OF DEATH.

Dysentery and Diarrhœa.			INJURIES. *Suicide.*			*Wounding.*			*Accidents.*			*Snake-bite and killed by wild beasts.*			ALL OTHER CAUSES.			TOTAL DEATHS FROM ALL CAUSES.			DISTRICTS.	No.
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	2	1
29	18	47	1	1	2	...	...	...	12	14	26	2	2	4	255	202	457	1,034	1,027	2,061	Hissar.	1
10	6	16	...	...	...	1	...	1	3	8	11	4	1	5	205	157	362	89[illegible]	883	1,776	Rohtak.	2
36	26	62	1	7	8	1	...	1	10	11	21	1	2	3	276	246	522	1,296	1,207	2,503	Gurgaon.	3
50	33	8[illegible]	...	4	4	...	...	...	7	9	16	4	4	8	402	352	754	1,126	1,100	2,226	Delhi.	4
27	28	55	...	...	...	...	...	...	17	11	2[illegible]	5	2	7	658	559	1,217	1,850	1,696	3,546	Karnál.	5
27	26	53	...	...	...	...	...	...	14	2	16	1	...	1	293	236	529	1,276	1,144	2,420	Umballa.	6
3	6	9	...	1	1	1	...	1	...	...	...	...	1	1	31	11	42	50	35	85	Simla.	7
48	51	99	1	3	4	...	...	...	23	9	32	2	4	6	248	311	559	1,095	1,117	2,212	Kángra.	8
33	31	64	3	3	6	3	...	3	16	9	25	2	...	2	433	413	846	1,165	1,127	2,292	Hoshiárpur.	9
27	24	51	...	1	1	1	1	2	22	8	30	1	1	2	471	486	957	1,281	1,338	2,619	Jullundur.	10
10	12	22	1	...	1	...	...	...	14	3	17	...	...	...	304	275	579	940	902	1,842	Ludhiána.	11
23	19	42	1	2	3	2	1	3	14	5	19	2	1	3	334	315	649	1,161	1,015	2,176	Ferozepore.	12
9	11	20	...	...	...	...	2	2	13	4	17	10	2	12	144	130	274	707	602	1,309	Mooltan.	13
18	12	3[illegible]	...	1	1	3	2	5	12	11	23	6	6	12	2[illegible]4	189	42[illegible]	799	674	1,473	Jhang.	14
14	8	22	...	...	...	2	1	3	9	3	12	5	2	7	218	176	394	539	451	990	Montgomery.	15
26	10	3[illegible]	1	...	1	7	1	8	9	6	15	10	2	12	557	490	1,047	1,637	1,450	3,087	Lahore.	16
40	26	66	1	1	2	2	...	2	15	1	16	3	...	3	554	543	1,107	1,606	1,551	3,157	Amritsar.	17
36	3[illegible]	66	...	...	...	...	...	...	9	5	14	3	1	4	340	279	619	1,205	1,097	2,302	Gurdáspur.	18
40	34	74	4	1	5	...	3	3	13	7	20	4	...	4	476	46[illegible]	945	1,475	1,423	2,898	Siálkot.	19
11	4	15	...	...	...	...	...	...	4	3	7	3	...	3	295	249	544	876	775	1,651	Gujrát.	20
7	2	9	...	...	...	2	2	4	13	10	23	12	1	13	260	237	497	1,191	1,090	2,281	Gujránwála.	21
18	18	36	...	...	...	...	...	...	7	6	13	7	2	9	142	153	295	526	581	1,107	Shahpur.	22
23	21	44	...	...	...	2	1	3	6	5	11	5	3	8	229	182	411	686	674	1,360	Jhelum.	23
7	5	12	...	...	...	6	...	6	20	5	25	...	1	1	214	173	387	869	854	1,723	Ráwalpindi.	24
1	2	3	...	...	...	4	1	5	2	1	3	...	...	...	117	108	225	385	377	762	Hazára.	25
9	1	10	...	...	...	7	5	12	8	12	20	...	...	...	90	77	167	773	597	1,370	Peshávar.	26
2	...	[illegible]	...	...	...	3	2	5	3	1	4	...	...	...	22	29	51	161	1[illegible]6	287	Kohát.	27
7	2	9	...	...	...	9	2	11	6	...	6	1	...	1	52	29	81	468	395	863	Bannu.	28
15	17	3[illegible]	...	...	...	1	...	1	15	3	18	2	2	4	134	100	234	91[illegible]	843	1,756	D. I. Khan.	29
1	7	8	...	1	1	1	...	1	9	4	13	1	1	2	52	32	84	374	308	682	D. G. Khan.	30
4	4	8	1	1	2	2	...	2	10	3	13	5	3	8	33	26	59	371	28[illegible]	653	Muzaffargarh.	31
611	494	1,105	15	27	42	6	24	84	335	179	514	101	44	145	8,083	7,23[illegible]	15,317	28,728	26,74[illegible]	55,469	TOTAL.	
704	513	1,2[illegible]7	17	13	30	48	25	74	248	185	433	37	24	61	8,494	7,388	15,882	27,994	25,543	53,537	Total in previous month.	
550	403	953	13	18	31	55	18	73	339	242	581	87	38	125	6,610	5,986	12,596	21,781	19,891	41,672	Total in same month of past year.	

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGN.-LT.-COL.,

Sanitary Commissioner, Punjab.

Remarks by the Sanitary Commissioner, Punjab.

Forty-nine thousand seven hundred and thirty-three births were registered in the Province during the month of June 1898, giving a birth-rate of 29 per *mille* of population. Of the total number of births, 26,075 were boys and 23,658 were girls.

The total number of deaths registered from all causes in the Province during the month of June 1898 was 55,469 against 53,537 in the previous month and 41,672 in the corresponding month of the past year, giving an annual death-rate of 33, 31 and 25 per *mille* of population per annum respectively.

There were 16 deaths registered from plague in the Hoshiárpur District and 435 in the Jullundur District.

There was not a single death registered under the head of cholera.

From small-pox 927 deaths were registered against 886 in the previous month and 1,643 in the corresponding month of the past year; fevers 36,884 against 34,822 and 25,657; dysentery and diarrhœa 1,105 against 1,217 and 953.

During the month there were 42 deaths registered from suicide against 30 in the past month; wounding 84 against 74; accidents 514 against 433; snake-bite and killed by wild beasts 145 against 61; and from all other causes 15,317 against 15,882 and 12,596 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE, LAHORE: *The 6th August* 1898.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGN.-LT.-COL., *Sanitary Commissioner, Punjab.*

Statement showing the number of Births registered according to classes in the several districts of the Punjab during the month of June 1898.

No.	Districts.	Christians.			Hindus.			Muhammadans.			Other Classes.			Total.			Birth-rate per *mille* per annum.	No.
		Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
1	Hissar ...	...	...	...	581	500	1,081	171	168	339	...	...	...	752	668	1,420	22	1
2	Rohtak ...	...	...	...	721	632	1,353	102	84	186	...	...	...	823	716	1,539	3	2
3	Gurgaon ...	...	...	...	579	492	1,071	346	317	663	...	...	...	925	809	1,734	32	3
4	Delhi ...	1	1	2	545	544	1,089	190	200	390	8	8	16	744	753	1,497	29	4
5	Karnál ...	...	...	...	775	704	1,479	299	260	559	...	...	...	1,074*	964	2,038	29	5
6	Umballa ...	...	...	...	602	574	1,176	241	224	465	...	...	...	843	798	1,641	25	6
7	Simla ...	...	...	...	31	39	70	5	5	10	...	...	...	36	44	80	28	7
8	Kángra ...	1	...	1	967	951	1,918	50	36	86	...	...	...	1,018	987	2,005	32	8
9	Hoshiárpur ...	1	...	1	927	926	1,853	406	394	800	...	...	...	1,334	1,320	2,654	32	9
10	Jullundur ...	...	...	...	699	680	1,379	770	634	1,404	...	...	...	1,469	1,314	2,783	38	10
11	Ludhiána ...	...	...	...	602	528	1,130	343	270	613	...	...	...	945	798	1,743	33	11
12	Ferozepore ...	...	...	...	516	460	976	533	474	1,007	...	...	...	1,049	934	1,983	28	12
13	Mooltan ...	...	...	...	100	88	188	559	536	1,095	...	...	...	659	624	1,283	25	13
14	Jhang ...	...	...	...	117	101	218	620	519	1,139	...	...	...	737	620	1,357	38	14
15	Montgomery ...	...	...	...	125	113	238	526	453	979	...	...	...	651	566	1,217	30	15
16	Lahore ...	1	3	4	372	295	667	980	896	1,876	...	...	...	1,353	1,194	2,547	29	16
17	Amritsar ..	2	3	5	725	565	1,290	597	563	1,160	...	...	...	1,324	1,131	2,455	30	17
18	Gurdáspur ...	4	2	6	567	549	1,116	571	588	1,159	11	5	16	1,153	1,144	2,297	30	18
19	Siálkot ...	3	5	8	492	471	963	1,192	1,009	2,201	4	3	7	1,691	1,488	3,179	35	19
20	Gujrát ...	...	...	...	113	107	220	845	783	1,628	...	...	...	958	890	1,848	30	20
21	Gujránwála ...	2	3	5	306	259	565	955	885	1,840	...	...	...	1,263	1,147	2,410	42	21
22	Shahpur ...	...	...	...	61	61	122	446	438	884	...	...	...	507	499	1,006	25	22
23	Jhelum ...	...	...	...	59	49	108	543	532	1,075	...	...	...	602	581	1,183	24	23
24	Ráwalpindi ...	...	...	...	81	95	176	880	825	1,705	1	1	2	962	921	1,883	27	24
25	Hazára ...	...	...	...	33	31	64	850	769	1,619	...	...	...	883	800	1,683	43	25
26	Pesháwar ...	...	...	...	38	28	66	910	794	1,704	...	...	...	948	822	1,770	3	26
27	Kohát ...	...	...	...	3	7	10	202	161	363	...	...	...	205	168	373	25	27
28	Bannu ...	...	...	...	30	28	58	331	274	605	...	...	...	361	302	663	22	28
29	Dera Ismail Khan	...	...	...	20	30	50	306	262	568	...	...	...	326	292	618	16	29
30	Dera Gházi Khan	...	...	...	27	17	44	231	172	403	1	2	3	259	191	450	14	30
31	Muzaffargarh ...	...	...	...	22	20	42	196	153	349	3	...	3	221	173	394	13	31
	Total ...	15	17	32	10,836	9,944	20,780	15,196	13,678	28,874	28	19	47	26,075	23,658	49,733	25	

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 6th August 1898.

W. A. CRAWFORD ROE, F. R. C. S., BRIGADE-SURGEON-LT.-COL.,
Sanitary Commissioner, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 23RD JULY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar	Hissar ...	16,854	5	5	10	10	4	6	.	...	...	4	1	1	4	1	1	2	31	31	1
2		Hansi ...	15,190	7	8	15	5	1	4	...	...	...	2	...	...	3	1	1	2	51	17	2
3		Bhiwani ...	35,487	11	11	22	10	4	6	...	...	...	4	...	...	6	2	4	6	32	15	3
4		Sirsa ...	16,415	4	3	7	8	5	3	...	...	...	3	1	...	4	3	2	5	22	25	4
5	Rohtak	Rohtak ...	16,19[illegible]	9	8	17	8	3	5	...	...	...	3	2		3	1	2	3	55	26	5
6		Jhajjar ...	11,881	...	3	3	3	...	3	...	...	...	1	...	...	2	...	2	2	13	13	6
7	Gurgaon	Rewari ...	27,934	7	6	13	13	8	5	...	...	...	4	1	...	8	3	2	5	24	24	7
8		Palwal ...	11,227	3	2	5	8	2	6	...	...	...	6	2	...	...	...	2	2	23	37	8
9	Delhi	Delhi ...	189,64[illegible]	64	60	124	103	47	56	...	.	...	62	4	1	36	10	11	21	34	28	9
10		Sonepat ...	12,61[illegible]	11	8	19	9	4	5	...	...	...	4	1	...	4	1	2	3	79	37	10
11	Karnal	Karnal ...	21,530	7	4	11	20	10	10	...	...	...	7	5	...	8	4	3	7	27	42	11
12		Kaithal ...	15,768	8	4	12	14	7	7	...	...	...	8	...	...	6	2	2	4	40	45	12
13		Panipat ...	27,547	12	12	24	22	12	10	...	...	...	4	...	1	17	5	5	10	45	42	13
14		Shahabad ...	11,473	2	3	5	5	3	2	...	...	...	4	1	...	...	...	...	...	23	23	14
15	Umballa	Umballa ...	26,856	5	8	13	10	4	6	...	...	...	3	1	...	6	...	2	2	25	19	15
16		Jagadhri ...	13,029	6	3	9	6	1	5	...	...	...	4	...	...	2	...	2	2	36	24	16
17		Sadhaura ...	10,445	2	3	5	5	2	3	...	...	...	3	2	...	...	...	1	1	25	25	17
18	Hoshiarpur	Hoshiarpur ...	Returns not received.																			
19		Tanda and Urmar																				
20	Jullundur	Jullundur ...	59,375	19	19	38	18	11	7	...	...	...	9	2	..	7	5	2	7	39	19	20
21		Rahon ...	10,667	3	...	3	7	5	2	...	...	...	3	...	...	4	1	...	1	13	34	21
22		Kartarpur ...	10,441	4	2	6	9	6	3	...	...	...	4	...	...	5	2	1	3	30	45	22
23	Ludhiana	Ludhiana ...	46,024	8	7	15	17	7	10	...	...	...	14	...	...	3	1	3	4	17	19	23
24		Jagraon ...	18,116	6	5	11	10	5	5	...	...	...	5	...	...	5	3	4	7	32	29	24
25	Ferozepore ...	Ferozepore ...	25,337	1	...	1	8	2	6	...	...	...	4	2	...	2	1	2	3	2	16	25
26	Mooltan ...	Mooltan ...	64,265	19	21	40	24	11	13	...		..	10	2	1	11	6	6	12	[illegible]	19	26
27	Jhang	Maghiana ...	13,866	9	2	11	7	2	5	...	...	...	2	...	...	5	2	1	3	41	26	27
28		Chiniot ...	13,476	3	2	5	9	4	5	...	...	...	2	1	...	6	...	1	1	19	35	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore	Lahore ...	159,597	42	33	75	118	67	51	..	..	...	60	8	1	49	16	14	30	2[illegible]	39	29
30	Lahore ...	Kasur ...	20,290	9	4	13	13	5	8	..	...	...	4	1	...	8	1	4	5	3	33	30
31	Lahore	Chunian ...	10,339	7	3	10	3	1	2		...	...	1	...	...	2	1	...	1	50	15	31
32	Amritsar ...	Amritsar ...	135,40[illegible]	57	4[illegible]	10[illegible]	99	3[illegible]	6[illegible]		...	...	58	3	2	36	8	17	25	39	38	32
33	Gurdaspur ...	Batala ...	27,22[illegible]	1[illegible]	13	24	11	7	4		...	...	7	1	...	3	2	...	2	4[illegible]	21	33
34	Sialkot ...	Sialkot ...	33,965	1[illegible]	17	32	15	1[illegible]	[illegible]	..	...	...	6	1	...	8	2	2	4	4[illegible]	23	34
35	Gujrat	Gujrat ...	17,671	5	3	8	11	3	8		...	...	7	...	...	4	...	1	1	24	32	35
36	Gujrat ...	Jalalpur ...	11,065	8	5	13	4	2	2		...	...	1	...	...	[illegible]	1	...	1	61	19	36
37	Gujranwala	Gujranwala ...	25,892	4	7	11	5	1	4		...	...	2	...	...	[illegible]	1	2	3	22	10	37
38	Gujranwala ...	Wazirabad ...	15,786	5	1	6	9	5	4		...	..	3	1	...	5	...	1	1	20	30	38
39	Shahpur ...	Bhera ...	17,428	3	2	5	12	5	7	..	..	...	5	2	...	5	2	2	4	15	36	39
40	Jhelum ...	Pind Dadan Khan	15,05[illegible]	1	1	2	5	4	1	..	...	...	2	2	..	1	1	...	1	7	17	40
41	Rawalpindi ...	Rawalpindi ...	38,334	7	5	12	20	10	10	..	...	...	12	2	..	6	2	1	3	16	27	41
42	Peshawar ...	Peshawar ...	63,079	16	13	29	18	12	6	..	...	...	11	1	...	6	2	2	4	2[illegible]	15	42
43	Kohat ...	Kohat ...	14,347	[illegible]	2	3	6	1	5	..	...	...	3	...	1	2	..	1	1	11	2[illegible]	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	3	1	4	25	12	13	..	...	...	18	2	...	5	2	4	6	10	60	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	...	2	2	8	4	4	..	..	...	4	1	...	3	...	1	1	4	17	45
	Grand Total	...	1,383,597	429	364	793	750	355	395	..	...		383	53	8	30[illegible]	95	116	211	3[illegible]	28	
	Hill Sanitaria.																					
	Simla	...	13,270	2	2	4	5	4	1	..	..	..	3	...	...	2	1	...	1	16	20	
	Dharmsala	..	2,778	2	3	5	1	1	..	..	...	..	...	1	..	...	...	..	...	9	19	
	Dalhousie	...	80[illegible]	...	...	...	1	...	1	..	...	...	1	...	...	...	...	1	1	...	65	
	Murree	...	1,459	...	...	...	6	4	2	..	...	..	3	...		3	...	1	1	...	214	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE, LAHORE: *The 8th August 1898.*

W. A. CRAWFORD ROE, F.R.C.S., BDE.-SURG.-LIEUT.-COL., *Sanitary Commissioner, Punjab.*

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 23RD JULY 1898.

Births and Deaths in Municipal Towns.—In the 43 large Municipal towns 793 births were registered (429 males and 364 females), giving a birth-rate of 30 per *mille* of population; 750 deaths were registered (355 males and 395 females), giving a death-rate of 28 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 8th August 1898.

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF MAY 1898.

Month.	Documents registered.			Total collections, inclusive of copying fees.	Total expenditure, inclusive of that paid out of copying fees.	Remarks.
	Compulsory.	Optional.				
		Relating to immoveable property.	Others.			
				Rs.	Rs.	
May 1898	6,418	2,215	650	24,489	8,870	
May 1897	9,562	3,578	760	35,201	10,854	
Difference ...	— 3,144	— 1,363	— 110	— 10,712	— 1,984	
First 2 months of 1898-99	13,155	4,105	1,286	50,659	17,976	
First 2 months of 1897-98	17,251	6,579	1,450	64,850	20,412	
Difference ...	— 4,096	— 2,474	— 164	— 14,191	— 2,436	

H. W. WEBB,

for *Inspector-General of Registration, Punjab.*

OFFICE OF INSPR.-GENL. OF REGTN., PUNJAB,
LAHORE:
The 28th July 1898.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 23rd July 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	*19,580	*16,064 8 0	66,984 2	8,672 6 0	67 0 0	24,803 14 0	7,117	2,821	9,938
Or per mile of Railway	...	99 0 3	...	53 7 3	0 6 8	152 14 2	...	...	...
For previous 2 3/7 weeks of half year	41,679	34,144 1 0	147,864 10	16,695 15 0	148 0 0	50,988 0 0	16,289	6,327	22,616
Total for 3 3/7 weeks ...	61,259	50,208 9 0	214,848 30	25,368 5 0	215 0 0	75,791 14 0	23,406	9,148	32,554
Comparison.									
Total for corresponding week of previous year ...	15,482	12,008 4 6	93,047 0	8,414 9 0	49 15 6	20,472 13 0	6,876	3,055	9,931
Per mile of Railway corresponding week of previous year.	...	74 0 3	...	51 13 10	0 4 11	126 3 0	...	...	...
Total for corresponding 3 3/7 weeks of previous year ...	51,617½	44,046 12 8	251,720 10	30,931 8 0	215 0 9	75,193 5 5	23,696	10,512	34,208

*The increase is in outward traffic.

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 28th July 1898.

J. A. MARSHALL,
for *Acting Chief Auditor.*

Punjab Government Press, Lahore—11-8-98—690.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, AUGUST 18, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 16th AUGUST 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 14 seers ... Bájra 19 seers. Gram 18 seers.	Crops dependent on rain are withering for want of rain, which is urgently needed. Canal crops in fair condition.	...
2	Delhi ...	...	1. Sufficient ... 2. Good.	Rising. Wheat 15½ seers. Gram 18½ seers. Bájra 21 seers.	Prospects fair. Rain urgently wanted. Locusts appeared and laid eggs, but prompt action is being taken for their destruction.	...
3	Umballa ...	0·04 at Sadr ...	1. Sufficient ... 2. Good.	Wheat 18 to 19 seers. Gram 22½ seers. Maize 29 seers.	Rain much needed for the standing crops. Locusts appeared in parts of Umballa Tahsíl, but did very little damage.	...
4	Jullundur ...	...	2. Good ...	Wheat 19½ seers Gram 22¼ seers. Barley 28 seers.	Crops in good condition. Rain wanted. Locusts passed through the districts, but did no damage.	...
5	Ferozepore ...	...	1. Sufficient ... 2. Good.	Wheat 17 seers ... Barley 30 seers. Jowár 26 seers. Bájra 16 seers. Gram 21 seers Maize 18 seers.	Crops in good condition ...	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	2. Good ...	Wheat 16½ seers	Crops in good condition. Locusts passed through Lodhrán Tahsíl, but did very little damage.	...
7	Lahore ...	...	1. Sufficient ... 2. Good.	Wheat 17 to 19½ seers. Maize 20 to 26 seers.	Standing crops are good so far, but rain is badly wanted. Locusts appeared in parts, but no damage reported.	Ploughings commenced.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 18¼ seers Maize 26 seers.	Rain badly wanted ...	...
9	Siálkot ...	0·19 in Daska ...	1. Sufficient ... 2. Good.	Wheat 16¾ to 18 seers. Rice 9½ to 11 seers	Crops promising. Maize damaged slightly in cetrain low lands.	Ploughings continue.
10	Shahpur ...	0·15 at Sadr ...	1. Sufficient ...	Wheat 19 to 23 seers. Bájra 18 to 26 seers.	Crops in need of rain. Locusts appeared in parts of Khusháb Tahsíl.	...
11	Ráwalpindi ...	0·39 at Sadr ... 0·14 in Pindigheb. 0·41 in Kahúta. 6·52 in Murree.	1. Sufficient ...	Wheat 16½ seers Bájra 22 seers. Maize 24 seers.	Prospects good. Locusts passed through Pindigheb Tahsíl, but did very little damage.	...
12	Peshâwar ...	...	1. Sufficient ... 2. Good.	Wheat 15¼ seers Maize 26$\frac{13}{16}$ seers.	Condition of standing crops good. Locusts passed over the district, but did no damage.	...
13	D. I. Khan ...	...	1. Sufficient, except in Bhakhar. 2. Good.	Wheat 20 seers ... Bájra 25 seers.	Condition of standing crops average. Rain badly wanted. Sowings in progress.	...

GENERAL REMARKS.

Rainfall.—Slight rain has fallen in parts of Umballa, Siálkot, Shahpur and Ráwalpindi Districts. A fall of above 6 inches is reported from Murree.

Prices.—Generally rising. A fall is reported from Umballa only. Prices are unchanged in Mooltan and Dera Ismail Khan. Wheat is selling from 14 to 23, gram 18 to 22½, barley 28 to 30, bulrush millet 16 to 26, maize 18 to 29, great millet 26 and rice 9½ to 11 seers per rupee.

Agricultural operations.—Sowings of autumn crops are still in progress, and ploughings for spring crops have commenced in some districts.

Crops and outturn.—Condition and prospect of standing crops are generally reported good. The crops on dry lands are withering for want of rain, which is urgently required in most districts.

Damage done to crops.—Locusts appeared in Umballa, Mooltan, Ráwalpindi, Delhi, Jullundur, Peshâwar and parts of Lahore and Shahpur and laid eggs in the Delhi District, where prompt measures have been taken for their destruction. No serious damage is reported from any district. Maize has been slightly injured by recent rains on certain low-lying lands in Siálkot.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient in all districts except in one tahsíl of Dera Ismail Khan.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JULY 1898.

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st July.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st July 1898.	Total.	Condition of crops and cattle, and health of people.
Hissar.	Sirsa ...	2·20	6·42	3·56	4·14	1·39	6·83	8·22	The rainfall of the month has been much beneficial for sowings as well as to the standing crops. Sowings in progress. Prospects of canal crops are tolerably good. Fodder sufficient and green grass available. Locusts appeared in certain villages, but the damage done was slight. General health of the district good.
	Fatahabad ...	2·32	8·15	5·55	5·16	1·14	7·54	8·68	
	Hissar ...	2·37	7·92	5·35	3·87	1·78	8·03	9·81	
	Hánsi ...	1·99	7·29	4·71	6·01	1·11	10·02	11·13	
	Bhiwáni ...	1·68	7·14	4·50	4·43	1·81	8·95	10·76	
	Budhláda ...	...	...	...	7·19	1·94	9·29	11·23	
	Tohána ...	...	...	...	4·40	2·29	4·40	6·69	
Jind State	Dhaneta (*c*) ...	...	...	...	6·60	1·20	10·40	11·69	
	Safidon (*c*) ...	...	...	...	8·75	2·50	10·85	13·35	
	Jind (*c*) ...	...	...	...	8·60	1·00	10·24	11·24	
Bikaner State.	Channi (*c*) ...	...	...	...	4·60	1·80	6·20	8·00	
Rohtak.	Rohtak ...	2·26	9·30	6·10	7·16	1·40	13·84	15·24	Jowár mung, moth and gawár continued to be sown. Condition of standing crops good. Health of people good. Swarms of locusts came from a westerly direction and alighted for the night. Eggs were deposited, but very satisfactory arrangements were made for their destruction. No damage was done to standing crops. Fodder plentiful. Stock of food-grain sufficient. Prices of food-grain are as follows :— Wheat ... 16½ seers per rupee. Gram ... 21 " " Jowár ... 22 " "
	Gohána ...	2·41	9·96	7·06	5·53	1·55	11·46	13·01	
	Sámpla ...	2·00	10·10	7·39	6·24	2·02	9·70	11·72	
	Jhajjar ...	1·84	9·41	6·40	6·00	1·48	11·04	12·52	
Gurgaon.	Farukhnagar ...	...	...	...	6·38	1·65	8·94	10·59	After the 9th July 1898 good rain fell all over the district, benefiting the growing crops and enabling further sowings on both irrigated and báráni lands to be vigorously pushed on throughout the district. The standing crops are doing well. Grass is now available. Health of people good. Prices stationary. Locusts passed over the tahsíls of Nuh and Ferozepore without doing any damage, but in Tahsíls Gurgaon and Rewári they are reported to have laid eggs from which the young have issued. Reports have been asked for from the tahsíls as to the measures adopted for destruction and whether any damage has been done.
	Játusána ...	...	...	...	4·00	0·50	6·70	7·20	
	Rewári ...	1·64	9·98	7·20	5·52	1·81	8·67	10·48	
	Shahjahánpur ...	...	...	...	5·85	1·56	13·90	15·46	
	T[illegible]ru ...	...	...	...	5·30	3·17	7·63	10·80	
	N[illegible] ...	1·67	12·29	8·90	5·85	2·37	9·15	11·52	
	Fírozpur ...	1·00	9·86	7·54	4·95	2·30	6·97	9·27	
	Hodal ...	...	...	...	4·28	2·55	5·64	8·19	
	Hattín ...	...	...	...	3·80	3·29	7·02	10·31	
	Palwal ...	2·04	11·26	9·05	6·47	3·53	7·97	11·50	
	Sohna ...	...	...	...	1·50	2·30	2·30	4·60	
	Gurgaon ...	2·39	12·17	8·77	3·86	2·11	7·38	9.49	
	Punahána ...	...	...	...	3·75	2·92	5·88	8·80	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JULY 1898—(CONTINUED).

Explanation:—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st July.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st July 1898.	Total.	Condition of crops and cattle, and health of people.
DELHI.	Ballabgarh ...	1·99	12·26	8·45	5·86	2·87	7·03	9·90	Kharif sowings in progress: prospect fair. Fodder available. Stocks sufficient. Health of people good. Prices almost stationary during the month.
	Mahrauli ...	...	...	...	6·08	2·45	8·82	11·27	
	Sadr (Delhi) ...	2·97	12·89	8·54	5·96	2·86	7·06	9·92	
	Sonepat ...	2·36	10·09	6·41	6·64	2·30	12·13	14·43	
KARNAL.	Pánipat ...	2·49	10·84	7·52	5·44	3·10	8·84	11·94	There was good rainfall throughout the month, and the kharif sowings have been made under favourable circumstances. The prices are stationary. Wheat sells 17 seers, barley 30, gram 20 and maize 20 seers per rupee. Fodder sufficient, and green grass is available everywhere. Health of people generally good. Locusts appeared in Tahsíl Kaithal, but caused no damage.
	Karnal ...	4·02	15·09	9·35	6·58	5·94	10·71	16·65	
	Rajaund ...	...	...	...	9·17	1·52	10·69	12·21	
	Kaithal ...	2·36	9·74	6·53	8·62	2·19	10·71	12·90	
	Gulah ...	...	...	...	9·54	3·62	11·08	14·70	
	Thanesar (Pipli) ...	3·29	12·09	8·27	8·19	6·81	15·33	22·14	
UMBALLA.	Jagádhri ...	5·61	16·91	11·16	5·23	6·00	8·85	14·85	*Condition of crops.*—Kharif sowings nearly complete. Crops in good condition and prospects good. Rainfall during the month has been satisfactory and sufficient for sowing china, millet and maize, but not rice. *Fodder.*—Dry and green sufficient. *Health of people.*—Generally speaking good. *Prices*— Wheat ... 17¼ seers per rupee. Gram ... 20 ,, ,, Maize ... 28 ,, ,,
	Umballa ...	3·93	16·34	10·96	7·60	9·46	11·72	21·18	
	Naráingarh ...	4·77	[illegible]	11·83	8·70	5·63	14·61	20·24	
	Kharar ...	4·72	[illegible]	9·66	8·19	7·51	12·05	19·56	
	Rúpar ...	4·84	11·94	7·51	11·91	7·84	16·24	24·08	
	Dádúpur (*c*) ...	...	...	...	11·10	6·50	15·40	21·90	
PATIALA STATE.	Kotra (*c*) ...	...	...	...	8·09	1·07	10·48	11·55	
	Jodhpur (*c*) ...	...	...	...	2·87	1·62	5·21	6·83	
	Ráníki (*c*) ...	...	...	...	8·84	3·55	11·29	14·84	
	Lehal (*c*) ...	...	...	...	7·22	2·49	11·48	13·97	
	Gujrán (*c*) ...	...	...	...	12·87	3·00	17·53	20·53	
	Barthála (*c*) ...	...	...	...	11·34	4·18	16·60	20·78	
NABHA STATE.	Dadahur (*c*) ...	...	...	...	10·00	4·00	11·85	15·85	
	Bundher ...	...	...	...	4·69	2·16	7·12	9·28	
SIMLA.	Kasauli ...	7·96	25·96	16·43	12·05	6·25	17·90	24·15	Standing crops good. Rain sufficient. Health of people good.
	Bharauli ...	7·96	22·55	13·79	7·11	5·76	18·69	24·45	
	Simla ...	8·42	32·37	17·59	10·44	6·84	21·55	28·39	
	Kot Khái ...	10·88	24·55	12·34	7·34	5·12	16·56	21·68	
	Kotgarh ...	11·96	27·63	12·60	8·50	5·82	17·40	23·22	
	Kilba ...	21·31	15·63	4·58	3·64	6·24	6·41	12·65	
KANGRA.	Plách ...	11·29	18·68	10·32	9·00	8·31	14·93	23·24	The condition of the kharif crops is good, as the rainfall was sufficient all over the district. The prices of the food-grains continue to fall. Health of the public continues good.
	Kulu ...	17·46	16·85	8·44	7·25	10·44	12·17	22·61	
	Nagar ...	13·10	14·74	6·86	6·06	10·20	10·69	20·89	
	Pálampur ...	17·35	44·22	32·73	39·60	8·20	51·80	60·00	
	Hamírpur ...	8·82	19·76	14·38	13·84	6·92	20·09	27·01	
	Dera ...	9·24	22·83	17·06	13·70	5·02	20·28	25·30	
	Kángra ...	9·99	30·93	23·36	17·87	6·10	27·62	33·72	
	Dharmsala ...	15·66	54·29	40·10	46·80	11·81	61·80	73·61	
	Núrpur ...	12·79	25·51	19·55	16·42	5·56	25·06	30·62	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JULY 1898—(CONTINUED).

Explanation :— (*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st July.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st July 1898.	Total.	Condition of crops and cattle, and health of people.
Hoshiárpur.	Dasúya ...	6·14	14·52	10·30	18·58	6·38	22·65	29·03	The rainfall during the month has been ample and kharíf sowings have been completed. The condition of the crops is generally good. Locusts appeared in places in all four tahsíls, but have done very little damage. Supplies of food-grains and fodder are sufficient. The health of the people is good.
	Una ...	5·12	14·21	10·43	10·12	6·61	11·89	18·50	
	Garhshankar ...	5·24	13·35	8·46	6·09	7·78	10·20	17·98	
	Sadr Station ...	6·06	14·61	9·79	15·67	6·17	18·01	24·18	
	Hoshiárpur ...	...	...	...	14·97	6·09	17·18	23·27	
Jullundur.	Jullundur ...	4·53	12·21	8·24	7·87	4·19	11·42	15·61	The sugarcane and cotton crops promise well. Kharíf sowings continued. Standing crops good. Health of people good.
	Nakodar ...	3·28	12·48	8·41	10·73	5·64	14·01	19·65	
	Phillour ...	3·66	11·38	8·25	10·44	4·88	13·22	18·10	
	Nawashahr ...	4·66	11·42	8·18	12·26	6·71	15·97	22·63	
Ludhiána.	Samrála ...	3·51	13·14	8·90	6·65	4·65	10·65	15·00	Standing crops are all in very good condition owing to the continuous rainfall during the month under report. Lands are also being prepared for rabi next. Green fodder is abundant in every part of the district. Health of the people is good. Locusts made their appearance first in the Samrála and again in the Jagraon Tahsíl. Young locusts were also seen in several villages. Slight damage was done in a few villages only. The Zaildárs, Lambardárs, Patwárís Girdáwars and the zamíndárs all exerted themselves in frightening them away and saving the standing crops from injury. Both the Tahsíldár and Náib Tahsíldár of Samrála took an active part in destroying locusts.
	Ludhiána ...	4·15	12·48	9·01	12·22	4·16	14·47	18·63	
	Jagraon ...	2·44	8·5:	6·28	13·68	4·82	16·97	21·79	
Ferozepore.	Moga ...	2·14	7·81	5·55	9·28	4·92	10·70	15·62	Good rain fell all over the district and was beneficial to the kharíf crops. Stocks of food-grains and fodder sufficient. Flights of locusts were seen in all the tahsíls of the district, but they passed over without doing any harm. Health of the people has been good throughout the district. The average prices of food-grains have been as follows during the month :— Wheat ... 17 seers per rupee. Gram ... 23 " " Maize ... 19 " " Jowár ... 17 " " Bájra ... 17 " " Barley ... 32 " " The Inundation Canals of the district have been working well.
	Zíra ...	2·47	9·33	6·48	8·19	5·22	9·15	14·37	
	Ferozepore Sadr ...	2·67	8·22	5·23	8·24	4·79	11·35	16·14	
	Ferozepore City ...	...	...	...	7·32	5·80	9·76	15·56	
	Muktsar ...	1·15	4·22	2·86	3·23	2·83	6·57	9·40	
	Fázilka ...	...	...	...	5·6[illegible]	2·13	6·98	9·11	
	Nathána ...	...	...	...	5·12	2·46	7·50	9·96	
	Jalalabad ...	...	...	...	6·53	1·90	8·30	10·20	
	Gobindgarh (*c*) ...	...	...	...	3·30	1·40	4·10	5·50	
	Phidda (*c*) ...	...	...	...	3·30	2·00	3·70	5·70	
Mooltan.	Mailsi ...	0·72	2·04	1·11	1·64	2·18	2·06	4·24	Rabi crops in good condition. Health of people good. Locusts passed through Lodhrán and Kabírwála Tahsíls, but did no damage. Sidhnai flowing.
	Lodhrán ...	0·91	2·[illegible]	1·4[illegible]	0·53	2·54	0·90	3·44	
	Shujabad ...	0·93	1·91	1·21	0·08	2·04	0·13	2·17	
	Mooltan ...	1·17	2·95	2·10	1·48	1·88	1·70	3·58	
	Kabirwála ...	1·12	2·95	1·83	4·13	1·75	4·28	6·03	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JULY 1898—(CONTINUED).

Explanation:— (*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT	Rain-gauge Station.	1st October to 31st March.	1st April to 31st July.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st July 1898.	Total.	Condition of crops and cattle, and health of people.
JHANG	Shorkot ...	1.66	3.83	2.31	5.45	2.27	5.60	7.87	*Crops.*—Kharíf sowing in progress. Extra rabi crops gathered. Fodder sufficient. Canals following slight floods occurred in the rivers.
	Jhang ...	**1.79**	**4.53**	**3.04**	**2.25**	**2.20**	**3.16**	**5.36**	
	Chiniot ...	1.97	5.85	3.74	5.67	3.54	8.68	12.22	
	Lyallpur ...	...	...	...	6.74	2.88	8.96	11.84	
	Badwáli (*c*) ...	...	...	...	5.20	2.90	6.30	9.20	
	Tarkhani (*c*) ...	...	...	...	3.70	2.35	4.71	7.06	
	Murídwála (*c*) ...	...	...	...	0.90	3.19	2.00	5.19	
	Khewra (*c*) ...	...	...	...	3.10	2.70	3.25	5.95	
	Laklani (*c*) ...	...	...	...	1.40	2.60	1.65	4.25	
	Lyallpur (*c*) ...	...	...	...	6.20	3.50	8.80	12.30	
MONTGOMERY.	Gugera ...	1.46	3.73	2.52	4.42	3.02	5.21	8.23	*Crops.*—Prospects of the kharíf crops are moderate. There is great want of rain in the Montgomery and Pákpattan Tahsíls. Locusts visited the district, but went away without damaging crops. *Health*—Good. Food-grains sufficient. *Canals.*—The canals and the river are flowing. The river has not, however, overflown, and there has consequently been no sailáb.
	Montgomery ...	**1.68**	**5.75**	**3.90**	**1.60**	**1.61**	**2.23**	**3.84**	
	Pákpattan ...	1.18	3.95	2.65	1.82	0.87	2.50	3.37	
	Dipálpur ...	1.44	4.12	2.71	2.69	2.89	4.55	7.44	
	Sandyaniwala (*c*) ...	...	...	...	...	...	...	...	
LAHORE.	Van (*c*) ...	2.64	7.36	3.61	7.87	4.70	10.17	14.87	Standing crop in good condition and promised well owing to good monsoon. Sowing of autumn crops nearly finished. Locusts were seen in parts of the district, but did no damage. Health of people generally good.
	Chunián ...	1.66	6.37	3.54	5.35	4.17	6.57	10.74	
	Kasúr ...	1.70	5.73	3.68	6.39	4.81	8.02	12.83	
	Pambe (*c*) ...	2.48	8.58	5.27	11.52	4.90	11.70	16.60	
	Sharakpur ...	1.79	4.45	2.91	12.06	4.04	13.61	17.65	
	Niáz Beg (*c*) ...	3.72	9.21	6.70	11.87	3.88	14.90	18.78	
	Lahore ...	**3.07**	**7.66**	**5.08**	**9.32**	**5.62**	**11.21**	**16.83**	
	Meean Meer (*c*) ...	4.39	10.89	6.70	16.80	5.80	20.14	25.94	
	Manihála (*c*) ...	2.82	9.41	6.24	8.60	4.05	9.20	13.25	
	Dafthu (*c*) ...	...	...	...	7.87	3.30	9.90	13.20	
	Nijábat (*c*) ...	...	...	...	3.49	2.24	4.03	6.27	
AMRITSAR	Buchar (*c*) ...	4.06	9.63	5.92	12.51	5.93	14.82	20.75	There has been plenty of rain. The rice, sugarcane and cotton crops are in good condition. Other kharíf crops are being sown. Health of people good. Fodder sufficient. The prices are as follows:— Wheat ... 18½ seers per rupee. Gram ... 24 " " Barley ... 28 " " Jowár ... 24 " " Maize ... 23 " "
	Khara (*c*) ...	2.38	7.27	4.60	8.44	5.48	8.44	13.92	
	Tarn Táran ...	3.51	10.88	7.54	11.92	5.42	13.30	18.72	
	Raya (*c*) ...	4.59	10.47	7.15	11.51	4.44	12.67	17.11	
	Jail Hospital (Amritsar).	**4.52**	**10.82**	**6.93**	**12.49**	**5.54**	**15.80**	**21.34**	
	Amritsar (*c*) ...	...	...	...	9.32	6.40	12.07	18.47	
	Buggeh (*c*) ...	3.96	10.69	6.60	12.72	8.10	15.32	23.42	
	Ajnála ...	3.09	8.20	5.72	14.31	6.13	16.13	22.26	
GURDASPUR	Aliwál (*c*) ...	4.00	11.44	7.32	18.36	4.58	21.50	26.08	Excellent rainfall. Kharíf prospects very good, except that cotton will be a short crop owing to want of rain at the sowing season.
	Batála ...	5.53	12.96	8.97	17.34	4.33	20.40	24.73	
	Tibri (*c*) ...	5.77	12.96	9.05	7.40	6.20	12.05	18.25	
	Gurdaspur ...	**5.43**	**13.85**	**9.52**	**10.88**	**7.35**	**17.30**	**24.65**	
	Pathánkot ...	8.15	19.94	15.17	15.96	6.91	20.49	27.40	
	Dalhousie ...	13.32	35.94	23.88	19.08	13.34	27.79	41.13	
	Mádhopur (*c*) ...	10.62	18.87	13.53	15.85	6.40	20.00	26.40	
	Shakargarh ...	6.92	16.25	11.67	12.93	6.04	18.63	24.67	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JULY 1898—CONTINUED.

Explanation :—(c) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			Rainfall of present year.				
District	Rain-gauge Station.	1st October to 31st March.	1st April to 31st July.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st July 1898.	Total.	Condition of crops and cattle, and health of people.
Siálkot	Zafarwál ...	5.70	13.69	9.24	15.86	5.22	20.48	25.70	The rain during the month was sufficient and well distributed over the district. Sowing of maize and the transplanting of rice were made with promptitude. Ploughings for rabi are also in progress. There have been floods in the Aik and the Deg four times during the month. The crops are promising. Health of people good. Fodder both green and dry is sufficient. Flocks of locusts appeared in the Pasrúr Tahsíl flying in a westerly direction towards Gujránwála, visiting some villages of Daska on the way. No eggs were deposited, but slight damage occurred to the moth, til and kangni crops. Rate of wheat is Rs. 2-4-0 per maund.
	Pasrúr ...	5.85	13.63	8.93	11.14	5.56	13.56	19.12	
	Raya ...	4.03	9.12	5.73	14.86	6.19	17.02	23.21	
	Daska ..	4.94	10.88	7.10	9.52	6.76	11.89	18.65	
	Siálkot ...	**5.87**	**15.96**	**10.13**	**12.56**	**5.89**	**15.30**	**21.19**	
Gujrat.	**Gujrat (Sadr)** ...	**6.52**	**10.86**	**6.66**	**8.84**	**6.13**	**10.29**	**16.42**	Opportune and good rain fell during the month. In Tahsíl Phália the rain was comparatively less than in other tahsíls, but the land has sufficient moisture. Kharíf crops sufficiently sown. The condition of the crops is good. Grain, fodder and green grass easily procurable. Health of men good. Cattle taken out to Belas are returning home. A flight of locusts appeared in Tahsíl Phália coming from Bhera direction, but passed off to the west without doing any damage.
	Khárián ...	6.35	11.23	7.12	9.83	5.85	11.44	17.29	
	Phália ...	4.65	7.62	4.90	5.97	4.24	7.45	11.69	
Gujránwála.	Rámnagar ...	3.02	8.33	5.52	7.78	5.84	7.78	13.62	There has been good rainfall throughout the district. It has been very beneficial to the crops, which are in good condition. Health of people generally good. Prices of food grain falling. Fodder and stock of food grain sufficient.
	Wazírabad ...	4.57	8.60	5.46	6.02	5.86	8.03	13.89	
	Sadr Kacheri (Gujranwala).	**4.86**	**10.01**	**6.68**	**9.68**	**4.68**	**12.29**	**16.97**	
	Shekhupura ...	2.14	5.24	3.16	8.90	5.47	10.12	15.59	
	Háfizabad ...	3.79	8.13	4.94	7.35	6.86	11.35	18.21	
	Khángah Dográn ...	...	...	...	10.61	6.76	13.06	19.82	
	Rámpur ...	...	...	...	4.70	5.00	7.10	12.10	
	Pacca Dalla (c) ...	...	...	...	6.60	4.10	8.15	12.25	
	Firoz (c) ...	Statement		not received.					
Shahpur.	Midh ...	3.88	5.58	3.92	13.42	4.00	13.82	17.82	Except cotton there is every prospect of an excellent kharíf. Fodder sufficient. Health of people good. Wheat ... 24 seers per rupee. Barley ... 32 ,, ,, Gram ... 28 ,, ,,
	Sáhiwál ...	2.88	6.40	3.57	3.63	2.50	7.64	10.14	
	Núrpur ...	1.96	2.77	1.43	5.15	2.65	6.82	9.47	
	Mitha Tiwána ...	2.48	4.28	2.16	5.75	1.25	7.25	8.50	
	Sakesar ...	0.97	4.97	3.57	14.46	9.73	15.70	25.43	
	Naushahra ...	4.10	7.46	4.21	5.53	4.51	11.54	16.05	
	Khusháb ...	2.47	4.56	2.01	6.00	3.49	11.05	14.54	
	Shahpur ...	**3.58**	**6.46**	**3.56**	**5.95**	**3.85**	**10.10**	**13.95**	
	Bhera ...	3.61	6.43	4.07	4.23	4.02	7.77	12.69	
	Miáni ...	4.72	5.64	3.72	4.68	4.20	6.68	10.88	
Jhelum.	Pind Dádan Khan ...	4.18	6.11	3.78	6.88	5.25	9.03	14.28	Kharíf sowings have been completed. The present condition of the crops is good owing to timely rainfall. Stock of grain is sufficient. Price of grain falling. Flight of locusts passed over Tahsíls Pind Dádan Khan and Talagang. In the latter tahsíl the locusts deposited eggs, and on young ones making their appearance were destroyed. No damage was done to the crops by them. Fodder plentiful. Health of people good. The low lands inundated by the river on several occasions
	Jhelum (Sadr) ...	**5.49**	**9.62**	**5.61**	**9.16**	**7.33**	**10.54**	**17.87**	
	Chakwál ...	4.23	5.99	3.47	5.09	5.86	6.68	12.54	
	Talagang ...	4.82	7.43	3.82	10.58	4.25	13.69	17.94	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JULY 1898—CONTINUED.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			Rainfall of present year.				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st July.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st July 1898.	Total.	Condition of crops and cattle, and health of people.
RAWALPINDI.	Pindigheb ...	Statement not received.							
	Fatahjang ...								
	Attock ...								
	Rawalpindi ...								
	Gujar Khan ...								
	Kahúta ...								
	Murree ...								
HAZARA.	Abbott-abad ...	14·82	16·86	8·06	9·82	13·63	19·48	33·11	*Rainfall.*—Sufficient. Standing kharíf crops flourishing. Sowings of Indian corn continue in plain tracts Hoshiárpur tahsíl. Fodder and grain stocks sufficient. *Prices*—Falling slowly. Water from irrigation channels sufficient.
	Mánsahra ...	14·87	12·18	5·78	8·55	11·16	16·60	27·76	
	Haripur ...	11·24	10·27	5·58	9·06	6·22	14·33	20·55	
PESHAWAR.	Swábi ...	5·88	5·19	2·50	10·24	8·67	10·96	19·63	There was copious rain during the month. Maize, chari, bájra, moth and mung sowings are in progress on unirrigated lands. Cultivation of maize has also commenced on irrigated lands. The condition of standing cotton, sugarcane and rice crops is good. The young crops are thriving. Stocks of food grains and fodder are sufficient. The current prices of food grains in the Peshawar City on the last day of the month were as follows:— Wheat ... 15 13/16 seers per rupee. Maize ... 26 " " Health of people good. There was sufficient water in rivers and district canals. The Swat River Canal was closed for some days on account of heavy rain. The torrents in the Sivabi Tahsíl were in flood several times during the month, and some of the houses in the villages of Ismaila Adina, Surkh Dheri, Sard China and Dhobián were damaged. Some wells in this tahsíl could not be worked owing to their having been flooded.
	Lahor (Utman Bolak)	6·01	5·13	3·06	11·87	5·86	12·25	18·11	
	Nowshera ...	6·15	4·73	2·41	4·16	6·68	4·83	11·51	
	Mardán ...	6·66	4·80	2·58	4·23	7·31	5·49	12·80	
	Katlang ...	5·27	4·70	2·73	6·65	3·99	6·65	10·64	
	Chársada ...	5·17	2·63	1·38	2·98	5·76	4·52	10·28	
	Nabakki ...	5·95	3·71	1·33	0·52	6·22	0·67	6·89	
	Peshawar ...	5·42	4·02	1·30	4·27	5·77	5·75	11·52	
	Abazai ...	...	...	...	4·00	5·35	5·00	10·35	
	Khán Máhi ...	...	...	...	3·90	3·20	4·40	7·60	
	Pára Chinár (Kurram)	...	...	...	6·42	9·47	11·82	21·29	
KOHAT.	**Kohát** ...	6·31	7·60	3·63	2·28	5·94	4·75	10·69	Good rain fell during the month under report throughout the district, and water in the Kohát, Toi and springs was sufficient. Of the early kharíf crops, the rice crops on irrigated lands and moth and bájra crops on unirrigated lands are promising well. The sowings of makki on irrigated lands have been completed, except in a few villages in the neighbourhood of the Kohát Tahsíl. The sowings of jowár and bájra on unirrigated lands are also in progress owing to the good rainfall during the month under report. The health of the people is fair. Fodder for cattle, such as bhúsa white and green hill grass, was obtainable in sufficient quantities during the month. The stocks of food grain were sufficient. The condition of zamíndárs of the irrigated villages is good, while that of unirrigated villages is about the average. Prices of food grain are falling.
	Hangu ...	...	...	...	7·14	6·99	12·92	19·91	
	Thal ...	...	...	...	8·54	7·12	11·07	18·19	
	Banda Daud Shah ...	...	...	...	8·72	5·24	12·30	17·54	
	Khushálgarh ...	...	...	...	0·69	0·13	3·62	3·75	
	Fort Lockhart ...	...	...	...	3·61	...	3·61	3·61	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF JULY 1898—(CONCLUDED).

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st July.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st July 1898.	Total.	Condition of crops and cattle, and health of people.
Bannu.	Miánwáli ...	2·50	4·67	2·36	8·05	4·16	10·83	14·99	Extra rabi crops are being harvested Kharíf sowings have commenced. Stock of food grains and fodder sufficient. Prices stationery. Health of people good. Water in canals sufficient. A swarm of locusts passed over three villages of Marwat and three of Miánwáli, but did not injure the crops.
	Isa Khel ...	2·79	3·24	1·03	4·46	4·81	5·66	10·47	
	Bannu ...	3·28	4·76	2·14	6·73	4·46	7·70	12·16	
	Marwat ...	3·31	4·41	2·21	8·35	3·34	10·78	14·12	
Dera Ismail Khan.	Tánk ...	1·71	4·03	3·08	0·34	2·65	0·97	3·62	Rain has benefited the crops, but more is wanted badly. Condition of standing cotton crops average. Harvesting of extra rabi crops completed. Outturn average. Sowings for kharíf crops going on in irrigated tracts. Health of people good. Fodder sufficient. Prices low. Wheat $19\frac{6}{16}$ seers and bájra $25\frac{1}{8}$ seers per rupee.
	Kuláchi ...	1·77	3·49	1·97	2·42	2·84	2·98	5·82	
	Dera Ismail Khan...	2·24	3·78	2·00	0·49	5·04	0·88	5·92	
	Bhakkar ...	1·59	3·54	2·25	0·40	2·40	0·46	2·86	
	Leiah ...	1·48	3·40	2·15	3·17	1·72	3·55	5·27	
	Shekh Budín ...	...	...	...	6·59	4·88	8·58	13·46	
Dera Ghazi Khan.	Sanghar ...	1·40	3·76	1·73	7·34	1·69	7·60	9·29	Owing to paucity of water in the Indus, canals have not been working well. The irrigation from the hill torrents has been ample. Health of people good. Fodder and food-grain ample.
	Dera Ghazi Khan...	1·99	4·13	2·40	2·41	1·25	3·06	4·31	
	Fort Munro ...	0·75	5·00	3·52	2·57	1·23	4·64	5·87	
	Jámpur ...	0·88	2·43	1·28	0·43	1·17	0·91	2·08	
	Rájanpur ...	0·52	1·70	0·85	1·81	0·84	2·03	2·87	
Muzaffargarh.	Alípur ...	1·00	4·54	3·63	0·63	2·05	0·72	2·77	*Tahsíl Alípur.*—Prospect of sugarcane, rice and indigo bad for want of rain. Health of people good. Fodder and grain-stock sufficient.
	Muzaffargarh ...	1·06	2·31	1·32	2·13	1·86	2·13	3·99	*Tahsíl Muzaffargarh.*—Condition of crops good. Health of people good. Fodder and grain-stock sufficient.
	[illegible]ánwán ...	1·48	3·09	1·98	3·56	1·29	3·72	5·01	*Tahsíl Sinánwán.*—Condition of crops average. Northern part of the tahsíl visited by locusts, doing slight damage. Health of people good. Fodder and grain-stock sufficient.

Memo. of Errors.

For January 1898.

In Peshâwar against Pâra Chinâr in columns 7 and 9 *read* 1 59 *for* 1·69.

For February 1898.

In Peshâwar against Pâra Chinâr in columns 7 and 9 *read* 3·53 *for* 3·63.

For March 1898.

In Peshâwar against Pâra Chinâr in columns 7 and 9 *read* 9·47 *for* 9·57.

For April 1898.

In Peshâwar against Pâra Chinâr in columns 6, 7, 8 and 9 *insert* 1·38, 9·47, 1·38 and 10·85.

For May 1898.

In Peshâwar against Pâra Chinâr in columns 7, 8 and 9 *read* 9·47, 3·82 and 13·29 *for* 9·57, 2·44 and 12·01, respectively.

For June 1898.

In Peshâwar against Pâra Chinâr in columns 7, 8 and 9 *read* 9·47, 5·40 and 14·87 *for* 9·57, 4·02 and 13·59, respectively.

For June 1898.

In Ferozepore against Gobindgarh in columns 6, 7 and 9 *read* 0·60, 0·80 and 2·20 *for* 0·20, 0·40 and 1·80, respectively.

For March 1898.

Against Leiah (Dera Ismail Khan) in columns 7 and 9 *read* 1·72 *for* 1·70.

For April 1898.

Against Leiah (Dera Ismail Khan) in columns 7 and 9 *read* 1·72 *for* 1·70.

For May 1898.

Against Leiah (Dera Ismail Khan) in columns 7 and 9 *read* 1·72 and 1·75 *for* 1·70 and 1·73, respectively.

For June 1898.

Against Leiah (Dera Ismail Khan) in columns 7 and 9 *read* 1·72 and 2·10 *for* 1·70 and 2·08, respectively.

For April 1898.

Dalhousie (Gurdâspur District) in columns 6 and 8 *insert* 0·36, 0·36, and in column 9 *read* 13·70 *for* 13·34.

For May 1898.

Dalhousie (Gurdâspur District) in columns 8 and 9 *read* 4·50 and 17·84 *for* 4·14 and 17·48, respectively.

For June 1898.

Dalhousie (Gurdâspur District) in columns 8 and 9 *read* 8·71 and 22·05 *for* 8·35 and 22·05 respectively.

P. D. SHROFF, *Supdt.*,
Office of Director of Land Records and Agriculture, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 30th July 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other Earnings (estimated).	Total Earnings.	Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	16,781	14,440 3 0	54,391 30	7,621 9 0	53 0 0	22,114 12 0	6,977	2,746	9,723
Or per mile of Railway	...	89 0 1	...	46 15 8	0 5 3	136 5 0	...	...	...
For previous 3 3/7 weeks of half year	61,259	50,208 9 0	214,848 30	25,368 5 0	215 0 0	75,791 14 0	23,406	9,148	32,554
Total for 4 3/7 weeks ...	78,040	64,648 12 0	269,240 20	32,989 14 0	268 0 0	97,906 10 0	30,383	11,894	42,277
Comparison.									
Total for corresponding week of previous year ...	16,139	15,151 7 7	65,212 20	10,288 6 0	92 9 9	25,532 7 4	7,598	2,811	10,409
Per mile of Railway corresponding week of previous year.	...	93 6 3	...	63 6 8	0 9 1	157 6 0	...	...	...
Total for corresponding 4 3/7 weeks of previous year ...	70,756½	59,198 4 3	317,932 30	41,219 14 0	307 10 6	1,00,725 12 9	31,294	13,323	44,617

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 4th August 1898.

T. BASHFORD,
Acting Chief Auditor.

STATEMENT

IRRIGATION OPERATIONS OF THE RAB

Comparative Abstract of Irrigation and

DISTRICTS.	OF THE DISTRICT.			Culturable area commanded by canals in acres.	Area at present estimated as annually irrigable.	AREA IRRIGATED IN ACRES.	
	Total area in acres.	Culturable area in acres.	Cultivated area in acres.			Rabi 1897-98.	Rabi 1896-97.
1	2	3	4	5	6	7	8
Peshâwar	1,671,169	1,227,108	892,321	164,354	152,053	89,283	80,050
Total Swát River Canal ...	...	...	...	164,354	152,053	89,283	80,050
Umballa	1,544,077	1,163,847	971,152	4,805	2,519	1,956	2,031
Karnál	1,658,829	1,413,512	900,101	500,784	207,841	94,140	106,038
Rohtak	1,154,147	1,085,503	954,553	488,518	172,988	82,831	80,755
Delhi	811,530	669,059	535,848	207,896	129,888	43,511	47,208
Hissar	3,320,658	3,126,140	2,623,515	467,405	164,149	69,101	87,016
Jínd State	805,760	...	...	107,148	60,000	24,946	28,794
Bikanir State	...	...	...	1,762	642	392	108
Kalsia State	107,520	...	...	2,451	1,342	1,221	1,014
Patiála State	3,468,160	...	...	225,140	50,265	23,406	27,860
Total Western Jumna Canal, including Sirsa Branch ...	...	...	...	2,005,909	789,634	341,504	380,824
Gurdáspur	1,165,975	934,525	833,168	139,633	42,814	23,886	15,674
Amritsar	997,312	874,228	780,514	621,093	247,678	178,051	144,578
Lahore	2,305,551	1,815,862	1,269,251	684,277	388,641	262,280	224,136
Total Bári Doáb Canal ...	...	...	...	1,445,003	679,133	464,217	384,388
Ludhiána	887,492	823,511	762,665	267,628	70,507	44,864	62,787
Ferozepore	2,614,451	2,449,083	2,129,090	1,363,157	434,667	335,058	369,095
Hissar	3,320,658	3,126,140	2,623,515	42,961	9,780	2,075	668
Farídkot State	411,520	...	...	251,257	70,709	61,588	71,077
Nábha State	593,920	...	...	145,642	39,817	30,122	31,961
Patiála State	3,468,160	...	...	358,166	108,618	59,566	74,438
Jínd State	805,760	...	...	14,675	3,671	1,692	1,924
Kalsia State	107,520	...	...	12,924	3,231	2,254	2,865
Total British ...	...	...	...	2,456,410	750,000	538,119	614,815
Native States Branches.							
Patiála State	...	...	...	...	420,000	181,275	213,387
Nábha State	...	...	...	...		19,958	24,480
Jínd State	...	...	...	...		19,740	21,442
Total Sirhind Canal ...	...	...	...	2,456,410	1,170,000	759,092	874,124
Gujránwála	1,873,983	1,717,301	934,462	573,199	300,000	176,100	138,535
Jhang	3,680,627	3,460,534	555,668	1,146,886	600,000	309,039	180,962
Total Chenab Canal ...	...	...	...	1,720,085	(a)900,000	485,139	319,49
Montgomery	3,582,364	2,883,417	388,333	196,919	86,309	57,014	23,41
Total Lower Soháḡ and Para Canal ...	...	...	...	196,919	86,309	57,014	23,4
Mooltan	3,787,300	3,402,739	671,597	330,000	175,000	77,333	52,0
Total Sidhnái Canal ...	...	...	...	330,000	175,000	77,333	52,
GRAND TOTAL ...	...	...	...	8,318,680	3,952,129	2,273,582	2,114,

(a). The canal works are in progress and the areas given are

LAHORE:
The 11th August 1898.

No. I.

CROP OF 1897-98 ON MAJOR IRRIGATION WORKS.

Rainfall in the Canal Districts of the Punjab.

In comparison with last crop.		Rainfall in Rabi Months (inches).													
		October.		*November.*		*December.*		*January.*		*February.*		*March.*		*Total.*	
Increase.	Decrease.	1897.	1896.	1897.	1896.	1897.	1896.	1898.	1897.	1898.	1897.	1898.	1897.	1897-98.	1896-97.
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
9,233	...	...	...	...	·82	1·21	·01	·17	3·59	1·48	1·31	1·54	1·59	5·40	7·32 *
9,233	...														
...	75	...	...	...	·08	·05	·72	·15	·85	6·00	·30	...	·60	6·20	2·55
...	11,898	·03	·07	...	·01	...	·50	...	·16	2·76	·09	...	·29	2·79	1·12
2,076	...	·06	...	...	·09	..	·09	...	...	1·51	...	...	·09	1·57	0·27
...	3,697	·10	...	...	·05	...	·18	...	...	2·43	...	...	·08	2·53	0·31
...	17,915	·35	·08	...	·07	...	·39	...	·23	·97	·08	...	·29	1·32	1·14
...	3,848	·19	·48	...	...	...	·79	...	·08	1·33	·05	...	·18	1·52	1·58
284	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
207	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	4,454	...	·03	...	...	...	·93	...	·40	1·93	·20	...	1·27	1·93	2·83
...	39,320														
8,212	...	...	·04	...	·07	·52	·90	·24	1·83	4·98	·80	...	·93	5·74	4·66
33,473	...	·04	...	...	·01	·37	·20	·18	1·34	4·99	·76	...	·38	5·58	2·69
38,144	...	·01	·02	...	·13	·93	·03	·21	1·73	4·06	·76	...	·33	5·21	3·00
79,829	...														
...	17,923	...	·06	...	·01	...	·49	·49	·62	3·49	·35	...	·11	3·98	1·64
...	33,137	...	·21	...	...	·02	·26	·52	·81	1·98	·14	...	·14	2·52	1·56
1,407	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	9,489	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1,839 }														
...	14,872 }	·10	·11	...	·02	·06	·36	·09	·69	2·14	·22	...	·36	2·39	1·76
...	232 }														
...	611	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	76,696														
...	32,112 }														
...	4,522 }	Not given.													
...	1,702 }														
...	115,032														
37,565	...	...	...	...	·03	1·22	·05	·01	1·12	3·50	·57	...	·76	4·73	2·53
128,077	...	·02	·16	...	·10	1·00	...	...	·32	1·60	·43	...	·73	2·62	1·74
165,642	...														
33,601	...	...	·02	...	·08	·22	...	·31	1·45	·87	·03	...	·03	1·40	1·61
33,601	...														
25,295	...	...	·25	...	...	·70	...	·08	·27	·97	·20	...	...	1·75	0·72
25,295	...														
159,248	...														

commanded and irrigable by the lines now in operation.

J. S. BERESFORD,

Secretary to Government, Punjab, P. W. D.,
Irrigation Branch.

STATEMENT

IRRIGATION OPERATIONS OF THE RABI CROP

Statement in Acres of Crops

Description of Crops.	Peshâwar.	Umballa.	Karnál.	Rohtak.	Delhi.	Hissar.	Gurdáspur.	Amritsar.	Lahore.
1	2	3	4	5	6	7	8	9	10
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres	Acres.	Acres.
Wheat	48,998	610	65,473	61,475	34,833	37,025	8,781	80,631	157,178
Barley	29,281	33	2,365	1,570	392	6,825	1,123	4,561	5,063
Mixed Grain	...	29	5,246	4,081	1,936	13,105	6,197	22,554	18,839
Other Crops	11,004	1,284	21,056	15,705	6,350	14,221	7,785	70,305	81,200
Total Rabi of 1897-98 ..	89,283	1,956	94,140	82,831	43,511	71,176	23,886	178,051	262,280
Ditto 1896-97 ...	80,050	2,031	106,038	80,755	47,208	87,684	15,674	144,578	224,136
Increase in 1897-98 ...	9,233	...	...	2,076	...	...	8,212	33,473	38,144
Decrease in 1897-98 ...	...	75	11,898	...	3,697	16,508	...	...	...

LAHORE :
The 11*th August* 1898.

No. II.

OF 1897-98 ON MAJOR IRRIGATION WORKS.

irrigated in Canal Districts.

Ludhiána.	Ferozepore.	Gujránwála.	Jhang.	Bikanir State.	Kalsia State.	Farídkot State.	Nábha State.	Patiála State.	Jínd State.	Montgomery.	Mooltan.	Total.
11	12	13	14	15	16	17	18	19	20	21	22	23
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
18,325	133,207	139,141	258,484	216	780	24,164	17,530	118,134	27,733	34,093	56,783	1,323,594
892	19,012	6,969	7,023	...	14	3,832	4,016	25,212	2,518	602	2,477	123,780
12,158	11,873	1,039	225	125	836	2,546	7,782	43,018	3,458	7,963	...	163,015
13,489	171,866	28,951	43,307	51	1,845	31,046	20,752	77,883	12,669	14,351	18,073	663,193
44,864	335,958	176,100	309,039	392	3,475	61,588	50,080	264,247	46,378	57,014	77,333	2,273,582
62,787	369,095	138,535	180,962	108	3,879	71,077	56,441	315,685	52,160	23,413	52,038	2,114,334
...	...	37,565	128,077	284	...	...	...	...	...	33,601	25,295	159,248
17,923	33,137	...	...	...	404	9,489	6,361	51,438	5,782	...	...	...

J. S. BERESFORD,
Secretary to Government, Punjab,
P. W. D., Irrigation Branch.

STATEMENT

IRRIGATION OPERATIONS OF THE RABI CROP OF

Statement in Acres of Crops

Description of Crops.		Swat River Canal Division.	Western Jumna Canal. Karnál Division.	Jínd Distributaries.	Delhi Division.	Hissar Division.	Total.	Bari Doab Canal. 1st Division.	2nd Division.	3rd Division.	Total.
1		2	3	4	5	6	7	8	9	10	11
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Wheat	...	48,998	47,293	18,195	116,612	51,551	233,651	63,321	66,911	116,358	246,590
Barley	...	29,281	2,151	735	2,418	7,472	12,776	1,834	5,316	3,597	10,747
Mixed Grain	...	...	4,419	695	7,027	13,788	25,929	22,479	8,850	16,261	47,590
Other Crops	...	11,004	18,292	5,321	27,755	17,780	69,148	59,322	41,482	58,486	159,290
Total Rabi of 1897-98	...	89,283	72,155	24,946	153,812	90,591	341,504	146,956	122,559	194,702	464,217
Ditto 1896-97	...	80,050	76,719	28,794	161,769	113,542	380,824	109,042	102,988	172,358	384,388
Increase in 1897-98	...	9,233	...	...	...	...	...	37,914	19,571	22,344	79,829
Decrease in 1897-98	...	...	4,564	348	7,957	22,951	39,320	...	...	...	...

LAHORE:
The 11th August 1898.

No. III.

1897-98 ON MAJOR IRRIGATION WORKS.

irrigated in Canal Divisions.

Sirhind Canal.				Chenab Canal.					Lower Sohag and Para Canal.	Sidhnai Canal.	
Ludhiána Division.	Ferozepore Division.	Native States.	Total.	1st Division.	2nd Division.	4th Division.	5th Division.	Total.	Upper Sutlej Inundation Canals Division.	Mooltan Canals Division.	Grand Total.
12	13	14	15	16	17	18	19	20	21	22	23
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
55,770	156,799	93,285	305,854	41,935	219,082	82,926	53,682	397,625	34,093	56,783	1,323,594
9,009	21,946	22,950	53,905	2,646	8,043	2,612	691	13,992	602	2,477	123,780
32,122	6,111	42,031	80,264	...	1,264	...	...	1,264	7,968	...	163,015
51,195	205,167	62,707	319,069	7,555	46,568	10,973	7,162	70,342	14,351	18,073	663,193
148,096	390,023	220,973	759,092	52,136	274,957	96,511	61,535	483,223	57,014	77,333	2,273,582
186,747	428,068	259,309	874,124	37,379	229,353	46,395	6,370	319,497	23,413	52,036	2,114,334
...	...	...	...	14,757	45,604	50,116	55,165	163,726	33,601	25,295	159,243
38,651	38,045	38,336	115,032	...	...	...	...	...	...	...	...

J. S. BERESFORD,

Secretary to Government, Punjab, P. W. D.,

Irrigation Branch.

IRRIGAT

COMPARATIVE ABSTRACT OF IRRIGATION AND RAINFALL FOR

IRRIGATED BY M

CIVIL DISTRICT.	OF THE CIVIL DISTRICT.					
	Population according to Census of 1891.	Total Area in acres.	Culturable Area in acres.	Cultivated Area in acres.	Culturable Area commanded by canals in acres.	Area at present estimated as annually irrigable.
1	2	3	4	5	6	7
Swat River Canal—						
Peshâwar	703,768	1,671,169	1,227,108	892,321	164,354	152,
Total Swat River Canal ...	...	...	...	...	164,354	152,
Western Jumna Canal—						
Umballa	1,033,427	1,544,077	1,163,847	971,152	4,805	2,
Karnál	683,718	1,658,829	1,413,512	900,104	500,784	207,
Rohtak	590,475	1,151,147	1,085,503	954,553	488,518	172,
Delhi	638,689	811,570	669,059	535,848	207,806	129,
Hissar	776,006	3,320,658	3,126,140	2,623,515	467,405	164,
Jínd State	284,560	805,760	...	...	107,118	60,
Bikanir State	...	...	...	...	1,762	6
Kalsia State	68,633	107,520	...	...	2,451	1,3
Patiála State	1,583,521	3,468,160	...	...	225,140	50,2
Total Western Jumna Canal, including Sirsa Branch.	...	...	...	...	2,005,909	789,6
Bári Doáb Canal—						
Gurdáspur	943,922	1,165,975	934,525	833,168	139,633	42,
Amritsar	992,697	997,312	874,228	780,514	621,093	247,
Lahore	1,075,379	2,305,551	1,815,962	1,269,251	684,277	388,
Total Bári Doáb Canal ...	...	...	...	...	1,445,003	679,
Sirhind Canal—						
Ludhiána	648,722	887,492	823,511	762,665	267,628	70,
Ferozepore	886,676	2,611,451	2,449,083	2,129,090	1,363,157	434,
Hissar	776,006	3,320,658	3,126,140	2,623,515	42,961	9,
Farídkot State	115,040	411,520	...	...	251,257	79,
Nábha State	282,756	503,920	...	...	145,642	39,
Patiála State	1,583,521	3,468,160	...	...	358,166	108,
Jínd State	284,560	805,760	...	...	14,675	3,
Kalsia State	68,633	107,520	...	...	12,924	3,
Total British ...	...	...	...	...	2,456,410	750,
Native States Branches—						
Patiála State	...	...	...	...	...	420
Nabha State	...	...	...	...	...	
Jínd State	...	...	...	...	...	
Total Sirhind Canal	...	...	...	...	2,456,410	1,17
Chenab Canal—						
Gujránwála	690,169	1,873,083	1,717,301	934,462	573,199	300
Jhang	436,841	3,680,627	3,460,534	555,668	1,146,886	600
Total Chenab Canal	...	...	...	...	1,720,085	900
Lower Sohág and Pára Canal—						
Montgomery	499,521	3,582,364	2,883,417	388,333	196,919	8
Total Lower Sohág and Pára Canal ...	...	...	...	...	196,919	8
Mooltan	631,434	3,787,300	3,402,739	671,597	330,000	1
Total Sidhnai Canal	...	...	...	...	330,000	1
GRAND TOTAL ...	...	...	...	...	8,318,680	3,9

*The canal works are in progress, and the areas given are those commanded and irrigable by the lines now in operation.

LAHORE:
The 11th August 1898.

OPERATIONS, 1897-98.

YEARS 1896-97 AND 1897-98 IN THE DISTRICTS OF THE PUNJAB

IRRIGATION WORKS.

AREA IRRIGATED.										RAINFALL.		
KHARIF 1897.			RABI 1897-98.			WHOLE YEAR 1897-98.						
Total Area in acres.	In comparison with 1896.		Total Area in acres.	In comparison with 1896-97.		Total Area in acres.	In comparison with 1896-97.		Percentage of increase or decrease in 1897-98.	1896-97.	1897-98.	Percentage of increase or decrease.
	Increase.	Decrease.		Increase.	Decrease.		Increase.	Decrease.				
8	9	10	11	12	13	14	15	16	17	18	19	20
49,274	6,237	...	89,283	9,233	...	138,557	15,470	...	+12·6	10·74	18·83	+74·50
49,274	6,237	...	89,283	9,233	...	138,557	15,470	...	+12·6	...	...	...
2,155	559	...	1,956	...	75	4,111	484	...	+13·34	21·90	35·95	+64·15
86,578	13,109	...	94,140	...	11,898	180,718	1,211	...	+0·67	10·33	19·19	+85·58
95,118	1[illegible],381	...	82,831	2,076	...	177,949	15,457	...	+9·51	8·58	18·49	+115·25
36,885	4,781	...	43,511	...	3,697	80,396	1,084	...	+1·03	14·27	16·08	+12·68
130,838	28,939	...	69,101	...	17,015	100,939	11,024	...	+5·83	9·80	18·27	+86·43
35,139	2,603	...	24,946	...	3,848	60,085	...	1,245	−2·03	11·90	15·84	+33·11
311	36	...	392	284	...	703	320	...	+8·35	...	...	...
1,185	429	...	1,2[illegible]1	207	...	2,406	636	...	+35·93	...	...	...
34,583	27	...	23,406	...	4,454	57,989	...	4,427	−7·09	13·47	20·49	+52·11
422,792	63,864	...	341,504	...	39,320	764,296	24,544	...	+3·31	...	...	...
28,935	...	33	23,886	8,212	...	52,821	8,179	...	+18·32	25·74	28·30	+9·94
133,188	14,464	...	178,051	33,473	...	311,239	47,937	...	+18·21	12·33	18·64	+51·17
222,734	22,872	...	262,280	38,144	...	485,014	61,016	...	+14·39	9·32	18·66	+100·21
384,857	37,303	...	464,217	79,829	...	849,074	117,132	...	+16·00	...	...	...
27,416	...	5,317	44,864	...	17,923	72,280	...	23,240	−24·33	10·21	20·47	+100·49
200,592	4,618	...	335,958	...	33,137	536,550	...	28,519	−5·04	6·97	12·59	+80·63
1,373	230	...	2,075	1,407	...	3,448	1,637	...	+47·47	...	...	...
41,711	1,633	...	61,588	...	9,489	103,299	...	7,856	−7·06	...	...	...
15,664	...	3,317	30,122	...	1,839	45,786	...	5,156	−10·12			
33,074	...	4,154	59,566	...	14,872	92,640	...	19,026	−17·03	11·93	16·89	+41·57
722	...	349	1,692	...	232	2,414	...	581	−19·40			
2,146	380	...	2,254	...	611	4,400	...	231	−4·98	...	...	...
322,698	...	6,276	538,119	...	76,696	860,817	...	82,972	−8·79	...	...	...
98,523	...	9,156	181,275	...	32,112	279,798	...	41,268	−12·85	Not given.		
10,350	...	4,335	19,958	...	4,522	30,308	...	8,857	−22·61			
11,033	...	1,585	19,740	...	1,702	30,773	...	3,287	−9·65			
442,604	...	21,352	759,092	...	115,032	1,201,696	...	136,384	−10·19	...	...	...
119,398	16,624	...	176,100	37,565	...	295,498	54,189	...	+22·5	13·71	14·08	+2·70
205,463	107,455	...	309,039	128,077	...	514,502	235,532	...	+84·42	9·26	12·46	+34·50
324,861	124,079	...	485,139	165,642	...	810,000	289,721	...	+55·68	...	...	...
45,000	9,490	...	57,014	33,601	...	102,014	43,091	...	+73·13	6·09	6·31	+3·61
45,000	9,490	...	57,014	33,601	...	102,014	43,091	...	+73·13	...	...	...
108,376	10,960	...	77,333	25,295	...	185,709	36,255	...	+24·26	3·03	7·32	+141·50
108,376	10,960	...	77,333	25,295	...	185,709	36,255	...	+24·26	...	...	...
1,777,764	230,581	...	2,273,582	159,248	...	4,051,346	389,829	...	+10·65	...	...	...

J. S. BERESFORD,

Secretary to Government, Punjab, P. W. D., Irrigation Branch.

STATEMENT

IRRIGATION OPERATIONS OF THE RABI

Comparative Abstract of Irrigation and

1	2	3	4	5	6	7	8
CIVIL DISTRICTS.	OF THE DISTRICT.					AREA IRRIGATED IN ACRES.	
	Total Area in acres.	Culturable Area in acres.	Cultivated Area in acres.	Culturable Area commanded by canals in acres.	Area at present estimated as annually irrigable.	Rabi, 1897-98.	Rabi, 1896-97.
Lahore } Upper Sutlej Canals ...	2,305,551	1,815,862	1,269,251	213,846	71,282	24,474	11,741
Montgomery } Upper Sutlej Canals ...	3,582,364	2,883,417	388,333	352,702	176,401	63,405	50,523
Mooltan (Lower Sutlej and Chenab Canals)	3,787,300	3,402,739	671,597	1,340,000	402,000	217,110	134,450
Dera Gházi Khan	3,209,492	2,401,026	1,024,518	300,000	225,000	61,337	49,556
Shahpur (Imperial Canals)	3,032,647	2,452,807	739,509	62,954	42,000	22,275	16,265
Muzaffargarh	1,994,884	1,636,584	426,344	642,293	318,225	183,209	160,675
Hissar } Ghaggar Canals ...	3,320,658	3,126,140	2,623,515	64,683	30,000	9,378	...
Bikanir State } Ghaggar Canals ...	...	...	...	66,000	25,000	3,858	...
Total Imperial Canals ...	...	...	...	2,976,478	1,264,908	581,188	423,210
Total Bikanir State ...	...	...	...	66,000	25,000	3,858	...
Shahpur (Provincial Canals)	...	...	...	53,255	27,000	7,732	3,155
GRAND TOTAL ...	...	...	...	3,095,733	1,316,908	592,778	426,365

LAHORE:
The 11*th August* 1898.

No. I.

CROP OF 1897-98 ON MINOR IRRIGATION WORKS.

Rainfall in the Canal Districts of the Punjab.

9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
In Comparison with last crop.		Rainfall during Rabi months (inches).													
		October.		November.		December.		January.		February.		March.		Total.	
Increase.	Decrease.	1897.	1896.	1897.	1896.	1897.	1896.	1898.	1897.	1898.	1897.	1898.	1897.	1897-98.	1896-97.
12,733	...	...	·02	...	·07	·64	...	·53	1·51	2·50	·23	...	·18	3·67	2·11
12,882	...	...	·02	...	·08	·22	...	·31	1·45	·87	·03	...	·03	1·40	1·61
82,660	...	...	...	...	·01	·48	...	·15	...	1·25	·21	...	·12	1·88	0·34
11,781	...	...	·05	...	...	·45	...	...	·23	·80	·25	...	·09	1·25	0·62
6,010	...	·11	...	...	·01	1·60	...	·05	·78	2·10	·27	...	·90	3·85	1·76
22,534	...	...	...	...	·05	·44	...	·07	·05	1·35	·23	...	·20	1·86	0·53
9,378	...	·35	...	...	...	...	...	...	...	·97	...	...	...	1·32	...
3,858	...	...	...	...	...	...	...	·11	...	1·04	...	...	...	1·15	...
157,978	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3,858	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4,577	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
166,413	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

J. S. BERESFORD,

Secretary to Government, Punjab, P. W. D., Irrigation Branch.

STATEMENT No. II.

IRRIGATION OPERATIONS OF THE RABI CROP OF 1897-98 ON MINOR IRRIGATION WORKS.

Statement in Acres of Crops irrigated in Canal Districts.

DESCRIPTION OF CROPS.	Mooltan.	Montgomery.	Lahore.	Dera Gházi Khan.	Shahpur.	Muzaffargarh.	Hissar.	Bikanir State.	Grand Total.
1	2	3	4	5	6	7	8	9	10
Wheat	150,807	37,483	8,203	42,901	24,634	124,702	3,898	1,057	393,685
Barley	4,460	818	388	1,573	289	5,707	421	508	14,164
Mixed grain	9,726	8,078	7,802	2,955	...	8,852	1,313	369	39,095
Other crops	52,117	17,026	8,081	13,908	5,084	43,948	3,746	1,924	145,834
Total Rabi of 1897-98	217,110	63,405	24,474	61,337	30,007	183,209	9,378	3,858	592,778
" " 1896-97	134,450	50,523	11,741	49,556	19,420	160,675	...	...	426,365
Increase in 1897-98	82,660	12,882	12,733	11,781	10,587	22,534	6,378	3,858	166,413
Decrease " "	...	...	...	...	...	...	...	...	...

LAHORE:
The 11th August 1898.

J. S. BERESFORD,
Secretary to Government, Punjab, P. W. D.,
Irrigation Branch.

STATEMENT No. III.

IRRIGATION OPERATIONS OF THE RABI CROP OF 1897-98 ON MINOR IRRIGATION WORKS.

Statement in Acres of Crops irrigated in Canal Divisions.

Description of Crops.	Upper Sutlej Canals.	Lower Sutlej and Chenab Canals.		Indus Canals.	Shahpur (Imperial) Canals.	Muzaffargarh Canals.	Ghaggar Canals British and Bikanir.	Total (Imperial) Canals.	Shahpur (Provincial) Canals.	Grand Total.
		Hájiwah Canal.	Others.							
Wheat	45,686	16,359	134,448	42,901	17,877	124,702	4,955	386,928	6,757	393,685
Barley	1,206	96	4,364	1,573	232	5,707	929	14,107	57	14,164
Mixed grain	15,880	1,694	8,032	2,955	...	8,852	1,682	39,095	...	39,095
Other crops	25,107	2,085	50,032	13,908	4,166	43,948	5,670	144,916	918	145,834
Total Rabi of 1897-98	87,879	20,234	196,876	61,337	22,275	183,209	13,236	585,046*	7,732	592,778
" " 1896-97	62,264	16,009	118,441	49,556	16,265	160,675	...	423,210	3,155	426,365
Increase in 1897-98 ...	25,615	4,225	78,435	11,781	6,010	22,534	13,236	161,836	4,577	166,413
Decrease " " ...	...	...	...	...	...	...	...	...	...	...

* Includes 3,858 acres irrigated on the Ghaggar Canals in Bikanir territory.

LAHORE:
The 11th August 1898.

J. S. BERESFORD,
Secretary to Government, Punjab, P. W. D.,
Irrigation Branch.

IRRIGATION OPERATIONS, 1897-98.

COMPARATIVE STATEMENT OF IRRIGATION AND RAINFALL FOR THE YEARS 1896-97 AND 1897-98 IN THE DISTRICTS OF THE PUNJAB IRRIGATED BY MINOR IRRIGATION WORKS.

CIVIL DISTRICTS.	Of the District.				Culturable area commanded by Canals in acres.	Area at present estimated as annually irrigable.	Area Irrigated. Kharif, 1897.			Rabi, 1897-98.			Whole year, 1897-98.			Percentage of increase or decrease in 1897-98.	Rainfall.		
	Population according to Census of 1891.	Total area in acres.	Culturable area in acres.	Cultivated area in acres.			Total area in acres.	In comparison with 1896-97. Increase.	Decrease.	Total area in acres.	In comparison with 1896-97. Increase.	Decrease.	Total area in acres.	In comparison with 1896-97. Increase.	Decrease.		1897-98.	1896-97.	Percentage of increase or decrease in 1897-98.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Lahore (Upper Sutlej Canals)	1,075,379	2,305,551	1,815,862	1,269,251	213,846	71,282	26,057	3,654	...	21,474	12,733	...	50,531	16,387	...	+ 47·99	11·66	7·14	+ 63·31
Montgomery (Upper Sutlej Canals)	499,521	3,582,364	2,883,417	388,333	352,702	176,401	84,149	5,397	...	63,405	12,882		147,554	18,279	...	+ 14·14	6·31	6·09	+ 3·61
Mooltan (Lower Sutlej and Chenab Canals).	631,434	3,787,300	3,402,739	671,597	1,340,000	402,000	167,027	16,056	...	217,110	82,660		384,137	98,716	...	+ 34·58	11·92	1·26	+ 846·0
Dera Gházi Khan ...	404,031	3,209,492	2,401,026	1,024,518	300,000	225,000	119,614	4,026	...	61,337	11,781	...	180,951	15,807	...	+ 9·57	5·64	1·41	+ 300·0
Shahpur (Imperial Canals) ...	493,588	3,032,647	2,452,807	739,509	62,954	42,000	(a) 15,547	...	2,084	22,275	6,010	...	38,822	3,926	...	+ 11·30	19·69	12·71	+ 54·92
Muzaffargarh ...	381,095	1,994,884	1,636,584	426,344	642,293	318,225	129,614	...	4,909	183,209	22,534	...	312,823	17,625	...	+ 5·97	9·20	1·23	+ 647·9
Hissar (Ghaggar Canals)	776,006	3,320,658	3,126,140	2,623,51[illegible]	64,[illegible]83	30,000	5,032	5,032	...	9,378	9,378	...	14,410	14,410	...	+ 100	18·27	9·80	+ 86·42
Bikanir State (Ghaggar Canals)	...	...	...	...	66,000	25,000	1,168	1,168	...	3,858	3,858	...	5,026	5,026	...	+ 100	9·47	6·58	+ 43·91
Total (Imperial Canals) ...	...	...	...	...	2,976,478	1,264,908	548,04[illegible]	27,172	...	581,188	157,978	...	1,129,228	185,150	...	+ 19·61	...	...	...
Total (Bikaner State) ...	...	...	...	...	66,000	25,000	1,168	1,168	...	3,858	3,858	...	5,026	5,026	...	...	...	...	...
Shahpur (Provincial Canals) ...	...	...	...	...	53,255	27,000	16,373	3,496	...	7,732	4,577	...	24,105	8,073	...	+ 50·30	16·59	8·70	+ 90·70
GRAND TOTAL ...	...	...	...	...	3,095,733	1,316,908	565,581	31,836	...	592,778	166,413	...	1,158,359	198,249	...	+ 20·64	...	...	...

(a) Difference of 120 acres as compared with the half-yearly statement is due to additions since made.

LAHORE:
The 11th August 1898.

J. S. BERESFORD,
Secretary to Govt., Punjab,
P. W. D., Irrigation Branch.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 30TH JULY 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	4	2	6	12	2	10	...	...	...	8	...	...	4	...	3	3	19	37	1
2		Hansi ...	15,190	6	5	11	8	3	5	...	...	...	2	...	...	6	3	3	6	38	27	2
3		Bhiwani ...	35,487	9	9	18	20	10	10	...	...	...	9	...	...	11	1	...	1	26	29	3
4		Sirsa ...	16,415	3	1	4	6	4	2	...	...	...	1	1	...	4	1	...	1	13	19	4
5	Rohtak ...	Rohtak ...	16,191	8	7	15	6	2	4	...	..	...	2	...	...	4	2	2	4	48	19	5
6		Jhajjar ...	11,881	2	3	5	4	3	1	..	..	...	3	...	...	1	1	...	1	22	18	6
7	Gurgaon ...	Rewari ...	27,934	9	13	22	17	6	11		..	...	5	6	...	6	3	...	3	41	32	7
8		Palwal ...	11,227	3	2	5	8	5	3		...	1	5	1	...	1	...	...	...	23	37	8
9	Delhi ...	Delhi ...	189,648	65	62	127	78	35	43		...	1	54	6	...	17	13	8	21	35	21	9
10		Sonepat ...	12,611	5	1	6	4	2	2		...	...	3	...	...	1	...	...	...	25	17	10
11	Karnal ...	Karnal ...	21,53?	14	13	27	16	8	8		..	...	8	2	...	6	5	5	10	65	39	11
12		Kaithal ...	15,768	6	10	16	16	11	5	...	...	...	8	...	1	7	3	3	6	53	53	12
13		Panipat ...	27,547	13	10	23	16	8	8	.		...	6	1	...	9	4	2	6	44	30	13
14		Shahabad ...	11,473	3	2	5	7	2	5	...	..	...	...	3	...	4	1	2	3	23	32	14
15	Umballa ...	Umballa ...	26,856	4	6	10	13	8	5	...	..	...	6	...	...	7	1	2	3	19	25	15
16		Jagadhri ...	13,029	7	3	10	5	1	4	..	...	...	2	1	...	2	1	...	1	40	20	16
17		Sadhaura ...	10,445	3	2	5	1	1	...	...	..	...	1	...	...	...	...	...	...	25	5	17
18	Hoshiarpur ...	Hoshiarpur ...	Returns not received																			18
19		Tanda and Urmar																				19
20	Jullundur ...	Jullundur ...	50,375	25	18	43	22	12	10	...	...	...	14	...	...	8	2	3	5	45	23	20
21		Rahon ...	10,667	2	1	3	3	2	1	...	...	...	1	...	...	2	...	...	...	15	15	21
22		Kartarpur ...	10,441	4	9	13	3	1	2	..	...	...	1	1	...	1	...	1	1	65	15	22
23	Lu[illegible]na ...	Ludhiana ...	46,024	11	11	22	20	12	8	..	...	..	9	4	...	7	4	1	5	25	23	23
24		Jagraon ...	18,116	8	14	22	6	2	4	...	...	...	2	...	...	4	2	2	4	63	17	24
25	Ferozepore...	Ferozepore ...	25,337	2	3	5	3	1	2	...	...	...	1	1	...	1	1	...	1	10	6	25
26	Mooltan ...	Mooltan ...	64,265	10	21	31	25	10	15	...	...	...	9	1	..	15	3	6	9	25	20	26
27	Jhang ...	Maghiana ...	13,866	2	4	6	4	3	1	...	...	...	2	...	...	2	1	...	1	23	15	27
28		Chiniot ...	13,476	9	6	15	10	6	4	...	...	...	5	...	...	5	2	...	2	58	39	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.
1	2	3	4	5	6	7	8	9	10
29	Lahore ...	Lahore ...	159,597	62	55	117	82	46	36
30		Kasur ...	20,290	3	5	8	11	4	7
31		Chunian ...	10,339	2	4	6	7	5	2
32	Amritsar ...	Amritsar ...	135,401	54	49	103	76	32	44
33	Gurdaspur ...	Batala ...	...	14	10	24	9	2	7
34	Sialkot ...	Sialkot ...	33,965	19	15	34	17	7	10
35	Gujrat ...	Gujrat ...	17,671	14	10	24	11	4	7
36		Jalalpur ...	11,065	5	9	14	12	7	5
37	Gujranwala ...	Gujranwala ...	25,892	5	9	14	8	4	4
38		Wazirabad ...	15,786	8	3	11	7	5	2
39	Shahpur ...	Bhera ...	17,428	...	4	4	10	6	4
40	Jhelum ...	Pind Dadan Khan	15,055	3	4	7	13	6	7
41	Rawalpindi ...	Rawalpindi ...	38,334	...	6	6	11	6	5
42	Peshawar ...	Peshawar ...	63,079	9	13	22	37	26	11
43	Kohat ...	Kohat ...	14,347	5	4	9	19	8	11
44	D. I. Khan ...	Dera Ismail Khan	21,573	2	3	5	14	6	8
45	D. G. Khan ...	Dera Ghazi Khan	23,899	5	1	6	10	9	1
	Grand Total	...	1,383,597	447	442	889	687	343	344
	Hill Sanitaria.								
	Simla ...	...	13,279	3	3	6	8	5	3
	Dharmsala ...	...	2,778	1	4	5	4	1	3
	Dalhousie ...	...	807	...	...	...	...	...	...
	Murree ...	...	1,459	2	...	2	1	1	...

No.	Towns.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	3	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore	...	...	..	36	6	2	38	9	10	19	38	27	29
30	Kasur	...	...	...	4	...	1	6	...	3	3	21	28	30
31	Chunian	...	...	...	3	1	...	3	2	1	3	30	35	31
32	Amritsar	...	...	...	40	3	1	32	6	11	17	40	29	32
33	Batala	...	...	...	6	...	1	2	...	2	2	46	17	33
34	Sialkot	...	...	...	8	...	...	9	1	1	2	52	26	34
35	Gujrat	...	...	...	7	...	...	4	1	1	2	71	32	35
36	Jalalpur	...	...	...	4	...	...	8	4	1	5	66	57	36
37	Gujranwala	...	...	...	2	...	...	6	3	1	4	28	16	37
38	Wazirabad	...	...	...	1	...	1	5	3	1	4	36	23	38
39	Bhera	...	...	...	4	2	...	4	1	1	2	12	30	39
40	Pind Dadan Khan	...	...	...	10	1	...	2	...	2	2	24	45	40
41	Rawalpindi	...	...	...	8	...	1	2	...	...	...	8	15	41
42	Peshawar	...	...	...	24	1	1	11	4	2	6	18	31	42
43	Kohat	...	...	1	16	...	...	2	...	4	4	33	69	43
44	Dera Ismail Khan	...	...	...	6	2	...	6	3	2	5	12	34	44
45	Dera Ghazi Khan	...	...	...	3	2	...	5	1	...	1	13	22	45
	Grand Total	...	...	3	349	46	9	280	92	86	178	34	26	
	Hill Sanitaria.													
	Simla	...	...	...	5	1	...	2	...	1	1	24	31	
	Dharmsala	...	...	...	1	1	...	2	...	2	2	94	75	
	Dalhousie	...	...	...	...	...	...	...	...	...	...	[illegible]	...	
	Murree	...	...	...	1	...	...	...	...	...	...	71	36	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 13th August 1898.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGEON LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 30TH JULY 1898.

Births and Deaths in Municipal Towns.—In the 43 large Municipal towns 889 births were registered (447 males and 442 females), giving a birth-rate of 34 per *mille* of population; 687 deaths were registered (343 males and 344 females), giving a death-rate of 26 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGEON-LIEUT.-COLONEL,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 13th August 1898.

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Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, AUGUST 25, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 23rd AUGUST 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 15 seers ... Gram 19 seers. Bájra 19 seers.	Crops withering for want of rain, which is very urgently needed. Canal crops promising.	...
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Wheat 15 seers ... Gram 18 seers. Bájra 20 seers.	Prospects fair. Rain urgently wanted. Young locusts have appeared in parts.	...
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 18½ seers... Gram 20½ seers. Maize 29 seers.	Rain urgently wanted. Locusts appeared in parts and did a little damage.	...
4	Jullundur ...	...	...	Wheat 19½ seers Gram 24½ seers. Barley 26 seers.	Standing crops withering for want of rain.	...
5	Ferozepore ...	...	1. Sufficient ... 2. Good.	Wheat 17 seers ... Barley 30 seers. Jowár 26 seers. Bájra 16 seers. Gram 21 seers. Maize 18 seers.	Condition of crops good ...	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	2. Good ...	Wheat 16½ seers	Crops in good condition ...	...
7	Lahore ...	...	1. Sufficient ... 2. Good.	Wheat 16 to 19 seers. Maize 20 to 24 seers.	Sowings going on. Crops on dry land are suffering for want of rain. Condition of irrigated crops good Locusts appeared, but did no damage.	Ploughings continue.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 18 seers ... Maize 24 seers.	Rain badly wanted for unirrigated crops. Locusts appeared in parts, but did no damage.	...
9	Siálkot ...	0·33 average ...	1. Sufficient ... 2. Good.	Wheat 15½ to 16½ seers. Rice 9½ to 11 seers	Drying for want of rain ...	Ploughings commenced.
10	Shahpur ...	...	1. Sufficient ...	Wheat 17 to 20 seers. Bájra 20 to 23 seers.	Crops in need of rain.	...
11	Ráwalpindi ...	0·86 in Pindigheb 0·87 in Kahúta.	1. Sufficient ...	Wheat 16 seers ... Bájra 20 seers. Maize 22 seers.	Prospects average. Rain wanted. Locusts appeared in parts, but did no damage.	...
12	Peshâwar ...	...	1. Sufficient ... 2. Good.	Wheat 15⅛ seers Maize 26¼ seers.	Condition of standing crops good. Maize being sown.	...
13	D. I. Khan ...	...	1. Sufficient, except in Bhakkar. 2. Good.	Wheat 20 seers ... Bájra 25 seers.	Condition of standing crops average. Rain badly wanted. Sowings still going on.	...

GENERAL REMARKS.

Rainfall.—A slight fall is reported from parts of the Siálkot and Ráwalpindi Districts.

Prices.—Generally rising owing to early cessation of rains. Fall is reported from Hissar only. Prices are unchanged in Jullundur, Ferozepore, Mooltan and Dera Ismail Khan. Wheat is selling from 15 to 20, gram 18 to 24½, barley 26 to 30, bulrush millet 16 to 25, maize 18 to 29, great millet 26, and rice 9½ to 11 seers per rupee.

Agricultural operations.—Sowings of autumn crops still going on. Ploughings for spring crops continue.

Crops and outturn.—Standing irrigated crops are generally in fair condition so far. The crops on dry lands have commenced to wither in most districts for want of rain, which is badly wanted all over the Province. Prospects of autumn crops are now reported to be fair to average.

Damage done to crops.—Locusts visited Umballa, Amritsar, Lahore and Ráwalpindi. Slight damage is reported from Umballa only. Young locusts have appeared in many villages in Delhi.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient in all districts except in parts of Dera Ismail Khan.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

SUMMARY OF REMARKS ON THE RABI CROP OF THE PUNJAB FOR 1898.

1. *The season.*—The character of the season has already been described in the final report on the wheat crop of the Punjab for 1897-98 and is reproduced below :—

"The monsoon rains of 1897 were good and were well distributed all over the Province. Sufficient rain fell at intervals in every district during August and all but four districts received enough rain during September to enable the ground to be properly tilled and the rabi sowings to be satisfactorily carried out. The average Provincial rainfall during this month was distinctly heavier than that received in ordinary years. Simla, Gujránwála, Ráwalpindi and Dera Gházi Khán received no rain at all, and only nominal showers fell in Ferozepore, Multán, Jhang, Amritsar, Kohát and Hazára. But of these ten districts only two, Simla and Hazára, suffered to any appreciable extent from the deficiency. The others had received ample moisture in July and August and in four of them the heavy river-floods kept the inundation canals at work. A few unimportant showers were reported during October and November was absolutely rainless. The fall in December, while heavier and more widely spread than that of the corresponding month in 1896, was much below the average. At the same time a large majority of the districts in the Lahore, Ráwalpindi, Peshâwar and Derajât Divisions received enough for their wants. The standing crops benefited enormously and further sowings were made in the districts of Amritsar, Gujrát, Sháhpur and Ráwalpindi. Eight districts received no rain at all in January and the showers which visited the others were inconsiderable. The results of the prolonged drought were apparent over a large part of the Province by the beginning of February but abundant rain fell everywhere early in that month and saved the situation. The fall in March was of no importance except in the districts of Peshâwar, Kohát, Hazára and Bannu. April was quite rainless and the damage done by hail or high winds was certainly below the average. May opened well with a rapidly increasing temperature. Climatic conditions owing to the phenomenally small percentage of humidity in the atmosphere and the light winds were unusually favourable for harvest operations and threshing and winnowing were begun under the happiest auspices. But the storms of the third week in May damaged the crops which were lying on the threshing-floors. On the whole however it may be said that the season has been favourable. It was exceptionally favourable in the beginning and though the later sowings were below the average the winter rain just came in time. Calamities of season were few and of little account. Locusts did slight harm in two districts, high winds caused a little damage in five others and the ravages of hail were infinitesimal. Owing to the dryness of the season there was a remarkable freedom from rust."

2. *Area.*—The area of crops harvested in the rabi of 1898 is compared in the following table with that of the preceding five years and with the five and ten years' averages for the periods ending with the rabi of 1897 :—

Harvested.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1893	4,517,266	10,102,370	14,619,636
Rabi 1894	4,657,869	10,887,030	15,544,899
Rabi 1895	4,289,736	10,148,254	14,437,990
Rabi 1896	5,059,723	5,412,910	10,472,633
Rabi 1897	5,508,542	4,862,639	10,371,181
Rabi 1898	5,952,122	8,455,349	14,407,471
Five years' average	4,806,627	8,282,641	13,089,268
Ten years' average	4,765,957	8,066,562	12,832,519

Compared with the area harvested in the preceding rabi which was the poorest on record there is an increase of more than four million acres. It is 10 per cent. above the quinquennial and 12 per cent. above the decennial average.

The harvest under report is the fourth largest of those recorded during the las eleven years so far as area is concerned as will appear from the following figures:—

	Area harvested.
	Acres.
Rabi 1894	15,544,899
" 1893	14,619,636
" 1895	14,437,990
" 1898	14,407,471

The area under irrigated crops this year is the largest on record, being 5,952,1 22 acres against a decennial average of 4,765,957 acres. At the same time the area under irrigated crops formed only 41 per cent. of the total crops against 53 per cent. in 1897 and 48 per cent. in 1896, both years of drought. The decennial average percentage is 37. Cereals and pulses show an increase of 40·6 per cent. compared with last year and 8·9 per cent. in comparison with the average. The following table compares the area of food-grains for the five years ending with the spring harvest of last year:—

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1893	3,720,346	8,985,333	12,705,679
Rabi 1894	3,861,335	9,896,368	13,757,703
Rabi 1895	3,489,399	9,274,746	12,764,145
Rabi 1896	4,063,453	5,017,648	9,081,101
Rabi 1897	4,451,890	4,406,852	8,858,742
Average	3,917,285	7,516,189	11,433,474
Percentage	34·3	65·7	100
Rabi 1898	4,912,269	7,545,807	12,458,076
Percentage	39·4	60·6	100

Thus the total area under cereals and pulses was above the average by more than one million acres while last year there was a deficiency of 3½ million acres. This increase occurred chiefly in the area under irrigated crops—994,984 acres above the average.

Wheat, the staple food-grain of the Province, was grown on over 7 millions of acres, or 62·3 per cent. of the total area under food-grains of all kinds.

On the whole an appropriate allowance has everywhere been made for the crops which failed. The area of failed crops was 14 per cent. of those which came to maturity against 19 per cent. of last year. Four per cent. of the irrigated area is returned as having failed to produce a crop compared with 6 per cent. of last year.

The leading characteristics of the harvest in each district are summarised below and are also compared with the figures of the same harvest in 1896 and 1897:—

HISSAR.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	104,016	108,193	212,209
Rabi 1897	92,244	24,836	117,080
Rabi 1898	76,735	554,421	631,156

Owing to an excellent rainfall in the month of September 1897 an extensive area was sown with spring crops, the total showing an increase of 22 per cent. on the quinquennial

average. For the same reason the area under irrigated crops went down by 23 per cent. as compared with that of last year. The long drought which lasted through November, December and January affected the rapeseed sowings. The gram crop was damaged by frost and by the pest locally known as "sundi" to such an extent that the outturn was diminished by at least 30 per cent. All the other crops of the season however benefited by the rainfall in February and were decidedly above the average both in respect of sowings and outturn. Only in 15 villages of the Hánsi and Fatahábád Tahsíls the yield was extremely poor and the spring instalment of the land revenue had to be suspended.

ROHTAK.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	110,846	64,617	175,463
Rabi 1897	104,210	2,683	106,893
Rabi 1898	102,487	145,768	248,255

The monsoon though late was full and held out good promise for unirrigated crops. Extensive areas were sown with rabi crops but owing to late and insufficient winter rains 122,913 acres failed to produce anything. Still the area under unirrigated crops harvested was considerably larger than that returned in either of the previous two years. The outturn of the unirrigated crops was poor. The quality of the crops on irrigated lands was estimated to be good. There was a decrease of 1,723 acres in the area under well-irrigation.

GURGAON.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	120,763	169,035	289,798
Rabi 1897	169,642	161,019	330,661
Rabi 1898	119,033	214,899	333,932

The agricultural prospects were bright from June to October. But from the end of October to the 8th of February no rain fell in any part of the district. However the satisfactory showers from the 9th to the 16th February throughout the district revived the crops. The average yield is estimated on the whole to have been good.

DELHI.

	Irrigated.	Unirrigated.	Total.
	Acres	Acres	Acres.
Rabi 1896	100,998	125,571	226,569
Rabi 1897	122,320	58,453	180,773
Rabi 1898	110,629	140,553	251,182

The abundant kharíf crop of 1897 left only a limited area for the spring sowings but the rainfall in September was so abundant as to induce the people to carry out sowings

even on fields which had already borne an autumn crop. Expectations of a bumper harvest were frustrated by the failure of rains in the months of December and January. The crops on irrigated land were good while those on unirrigated lands were only fair. The grain was generally of good quality.

KARNAL.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	172,005	52,021	224,026
Rabi 1897	188,032	21,185	209,217
Rabi 1898	179,514	251,452	430,966

The agricultural conditions of this district prevailing during this harvest were much the same as those in the Delhi District but the results of the drought in December and January were more severe and the greater part of the gram crop perished while the output per acre of unirrigated crops harvested was below the average. The average yield per acre of crops on irrigated lands was good.

UMBALLA.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	35,986	262,632	298,618
Rabi 1897	57,730	211,174	268,904
Rabi 1898	26,568	327,665	354,233

The sowings were extensively carried out but the crops on 100,465 acres, for the most part unirrigated, failed. Most of the failures occurred in the Umballa and Kharar Tahsíls. The gram crop in the Dhakar Circle of the Umballa Tahsíl suffered considerably. With these exceptions the general outturn was good, that of the wheat crop exceptionally so.

SIMLA.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	416	3,836	4,252
Rabi 1897	496	5,295	5,791
Rabi 1898	549	4,927	5,476

Owing to a deficient rainfall the condition of the spring crops was bad and the outturn was very poor. The area failed was more than one-quarter of the total area sown.

KANGRA.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	72,438	137,084	209,522
Rabi 1897	78,057	199,066	277,123
Rabi 1898	76,307	198,543	274,850

The total area sown increased from 327,954 acres in 1897 to 350,766 acres, a rise of 7 per cent. But the total area harvested declined by 2,273 acres and the failed area was 25,085 acres larger than that of last year. This was chiefly due to the want of rain from October to the end of January.

HUSHIARPUR.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	39,260	359,960	399,220
Rabi 1897	49,872	384,642	434,514
Rabi 1898	37,581	446,895	484,476

The monsoon of 1897 was less copious than that of 1896 but the former continued well up to the close of September while the latter ceased in the third week of August. Consequently large areas were sown for the rabi crop of 1898. Sufficient rainfall in February, amounting to 5·65 inches, neutralised to a large extent the effects of the drought in October, November and December. The average outturn on irrigated lands was good, that in riverain circles was fair. The average produce of unirrigated lands was fairly good. The harvest was successful in the Dusúya, Una and Garhshankar Tahsíls (plains portion) and average in the tahsíl of Hushiárpur and the hilly portions of the district. The mango crop has been a good one but very little exports were made on account of the plague outbreak in the district.

JULLUNDUR.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	221,970	157,136	379,106
Rabi 1897	243,922	154,720	398,642
Rabi 1898	239,972	217,810	457,782

There has been an increase of 15 per cent. in the total area cropped. The area returned as failed was 41,333 acres, or 8 per cent. of the total area sown against more than 10 per cent. last year. The outturn on irrigated lands was good and that on unirrigated lands was about three-quarters of an average crop. Some loss in straw is said to have been caused at threshing time by high winds which also injured the fruit trees.

LUDHIANA.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	140.215	251,618	391,833
Rabi 1897	172,514	213,493	386,007
Rabi 1898	155,265	316,175	471,440

There was a very large increase in the total area under unirrigated crops and a small decrease in that under irrigated crops. The total area cropped in Rabi 1898 was 22 per cent. in excess of that returned for the previous rabi. The area dependent on rainfall which was sown exceeded that of last year by 27 per cent About one-twelfth of this failed owing to the absence of rain in December and January. The failed total was nevertheless 46 per cent. less than that of the previous harvest. The gram crop was damaged to some extent by the stong winds in March. The quality of the harvest was average throughout the district.

FEROZEPORE.

	Irrigated	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	443 648	496,370	940,018
Rabi 1897	487 018	193,028	680,046
Rabi 1898	508,260	745,866	1,254,126

The total area cropped was 84 per cent. above that of last year. The irrigated area rose by 4 per cent. and the unirrigated by 286 per cent. The area returned as failed is 10 per cent. of the total area sown.

MULTAN.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	331,544	94,315	425,859
Rabi 1897	325,032	85,509	410,541
Rabi 1898	404,380	126,403	530,783

The rabi crop has been a distinctly favorable one. The winter rains were suitable, the river floods copious and the canal supplies for sowings were plentiful and continued late so that the area under crops was nearly 30 per cent. in excess of that recorded last

year. Of the total area cropped more than 76 per cent. was irrigated. On the Sidhnai, however the spring supplies which are needed for ripening the rabi and for sowing the extra rabi failed entirely and there is a consequent decrease in the area under chína and other inferior crops on that canal.

JHANG.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	303,008	59293	362,301
Rabi 1897	382,428	53,438	435,866
Rabi 1898	515,946	67,498	583,444

The increase in the harvested area has been 34 per cent. The irrigated crops have exceeded last year's figures by 31 per cent. on account of increased irrigation from the Chenab Canal. The increase in the unirrigated area to the extent of 26 per cent. is due to timely winter rains. The largest increase is in the wheat crop. The rabi crop was on the whole a good one. Hail fell in five villages of the Lyallpur and two villages of the Chiniot Tahsil but did little damage.

MONTGOMERY.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	212,495	40,682	253,177
Rabi 1897	205,146	29,789	234,935
Rabi 1898	261,425	73,745	335,170

The total area harvested has risen by 42·7 per cent. The increase in the irrigated area is 27·4 per cent. and in the unirrigated area 147·6 per cent. There was a great improvement also in the riverain tracts and the total sailáb cultivation was very much in excess of that of the previous year. The supply from the inundation canals was sufficient. The main staple crops of wheat and gram show large increases although considerable damage was done to the gram crop by unusual cold in February. Both as regards area and outturn the harvest may be classed as a full one.

LAHORE.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	444,836	81,216	526,052
Rabi 1897	444,633	78,191	522,824
Rabi 1898	529,074	295,950	825,024

As compared with the previous year there has been an increase of 58 per cent. in the total area harvested, of 19 per cent. in the irrigated and of 278 per cent. in the unirri-

gated. The most striking increase is in the area under gram and rapeseed. Of the area sown 12 per cent. failed. Cold and storms towards the close of February reduced the rapeseed outturn by as much as seven-eighths of what was expected at sowing time and the same causes reduced the yield of gram on sailába lands to one-half of the average. The outturn of irrigated crops was average to good and of unirrigated crop poor to average.

AMRITSAR.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	307,526	180,113	487,639
Rabi 1897	357,274	118,284	475,558
Rabi 1898	372,502	208,515	581,017

There has been a large increase in the area cropped, both irrigated and unirrigated. The failure of crops was large only in the Ajnála Tahsíl and the harvest over the whole district may be described as good.

GURDASPUR.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	101,985	280,710	382,695
Rabi 1897	109,641	284,026	393,667
Rabi 1898	116,902	399,038	515,940

The total area cropped increased this harvest by 31·1 per cent. The percentages of failures were low, varying from 1·1 on irrigated lands to 7·6 on unirrigated. As regards area sown this is returned as one of the best harvests on record. The yield throughout the district was above the average. The wheat crop has done well except on the high hill lands and in the Bhani Circles. The harvest may be taken as above the average.

SIALKOT.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	307,982	215,383	523,365
Rabi 1897	344,650	128,722	473,372
Rabi 1898	384,422	188,941	573,363

The total area cropped has increased by 21·1 per cent. The increase in the area under unirrigated crops was as much as 46·8 per cent. The high winds in the month of

March reduced the yield somewhat. On well irrigated lands the crop is estimated to have been well above the average and on lands dependent on rain at four-fifths of an average crop. The outturn of straw was not satisfactory on unirrigated lands. On the whole the harvest was an average one.

GUJRAT.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	125,016	225,318	350,334
Rabi 1897	132,491	187,636	320,127
Rabi 1898	148,933	292,890	441,823

As compared with last year the total area cropped has increased by 38 per cent. The area returned as failed is about 20 per cent. of the total area sown. Suspensions of land revenue were granted in some of the poorest villages in the Khárián Tahsíl. The yield on irrigated lands in the Gujrát and Phálian Tahsíls was fair but in the Khárián Tahsíl it was below the average. The outturn on unirrigated lands was poor and could not be estimated at more than half the average.

GUJRANWALA.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	354,412	34,791	389,203
Rabi 1897	377,559	63,873	441,432
Rabi 1898	442,142	133,414	575,556

The total area cropped has increased by 30 per cent. compared with last year. The figures showing failed form 11 per cent. of the total area sown but the unirrigated area which did not produce crops came to 28 per cent. of the total sown. The outturn in this harvest is considerably less on baráni lands than it was in the last rabi. Some damage was done by hail-stones in the Háfizábád and Khángah Dográn Tahsíls. The rains in May somewhat damaged the reaped sheaves lying exposed in the fields.

SHAHPUR.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	155,386	85,416	240,802
Rabi 1897	158,749	80,399	239,148
Rabi 1898	194,270	149,055	343,325

The crops of Rabi 1898 were excellent and the area which bore them was about 44 per cent. in excess of the crops harvested in Rabi 1897. The gram suffered slightly from hot winds in a few tracts and the rain in May hampered harvest operations.

JHELUM.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	26,554	379,793	406,347
Rabi 1897	26,081	340,289	366,370
Rabi 1898	25,065	515,247	540,312

The area under matured crops is almost exactly half as much again as it was in 1897. The area failed amounts to 16 per cent. of the total sown. The violent winds in March reduced the yield considerably, as they shrivelled the grain in the ear. The crops sown late mostly on lands which had borne a kharíf crop failed almost entirely. Owing to the want of rain from the middle of February to the middle of May very few extra rabi crops were sown. On the whole the crop was about average; a bumper in the Thal, Phappri and River Bank Circle of Pind Dádan Khan; good in Talágang; average in Chakwál; poor in the Pind Dádan Khan hills and the greater part of the Jhelum Tahsíl. Locusts visited the district but no damage was reported. Hail did some damage in the Pind Dádan Khan plains. Rather heavy rain was received in May when about a third of the wheat was still on the threshing-floors and a good deal of grain and straw was injured.

RAWALPINDI.

	Irrigated.	Unirrigated	Total.
	Acres.	Acres.	Acres.
Rabi 1896	25,142	401,506	426,648
Rabi 1897	29,792	410,965	440,757
Rabi 1898	30,575	576,230	6[illegible]05

The total area cropped is 38 per cent. in excess of that returned in the rabi of 1897. The area failed was 14 per cent. of the total area sown. Although in some places the grain was shrivelled by the dry winds in March and April the outturn per acre was on the whole above the average and although the crop was not what had been hoped for the gross yield was decidedly above the average.

HAZARA.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	21,228	137,609	158,837
Rabi 1897	23,828	181,581	205,409
Rabi 1898	25,575	172,787	198,362

The crops in this district are dependent almost entirely on rain and owing to deficient rainfall in the months of September, October and November—the usual time for spring sowings—the area cropped has gone down by 3 per cent. The area returned as failed was 9 per cent. of the total area sown. On the whole the outturn was good on irrigated lands and slightly below the average on dry lands. The later sowings suffered most from want of rain.

PESHAWAR.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	180,633	187,643	368,276
Rabi 1897	226,496	263,177	489,673
Rabi 1898	234,411	432,049	666,460

The irrigated area cropped has risen by 3·5 per cent., the increase being due to the good working of the Swat River Canal. The unirrigated area cropped has risen by 64·2 per cent. owing to good rainfall received from September to March. The area returned as failed is 2·9 per cent. against 3·8 per cent. last year. This harvest there has been a satisfactory increase in the wheat, barley, rapeseed and tobacco crops although the outturn of oilseeds is reported to be not good owing to damage done by the appearance of the blight known as "Tela."

On the whole the outturn of rabi crops this year on irrigated areas was average and that on unirrigated areas somewhat below the average.

KOHAT.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres	Acres.
Rabi 1896	21,433	77,515	98,[illegible]8
Rabi 1897	23,836	107,591	1[illegible],427
Rabi 1898	23,352	114,009	137,361

The total area has gone up by about 5 per cent., and the area returned as failed is about 11 per cent. of the total area sown. The outturn of crops on irrigated lands was a little below the average, while on unirrigated lands it was much below it. Owing to the

failure of winter rains at sowing time the water in the Toi ran short and sowings on part of the unirrigated area could not be made. Locusts appeared in four villages but did no appreciable damage.

BANNU.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	110,742	262,611	373,353
Rabi 1897	116,936	309,335	426,271
Rabi 1898	113,631	384,212	497,843

The total area cropped has increased by 17 per cent., and the area returned as failed is 7 per cent. of the total area sown. The area under wheat, gram and rapeseed on unirrigated lands has satisfactorily increased. This is chiefly due to seasonable rainfall. The tobacco and fodder crops show some decrease.

DERA ISMAIL KHAN.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	125,123	270,893	396,016
Rabi 1897	129,465	292,957	422,422
Rabi 1898	141,439	433,641	575,080

The total area cropped has risen by 36 per cent. as compared with last year. The area returned as failed is 11 per cent. of the total area sown. The increase in the irrigated and unirrigated crops is due to good and timely rainfall, abundant flow of perennial streams and a good supply from river inundations. The irrigation works and hill torrent bunds were not breached. The quality of crops was generally good throughout the district. The high winds in April 1898 slightly damaged the threshed crops. The extra rabi crops in the Dáman tract were damaged by the pest known as 'Tidda.'

The outturn of the crops may be regarded as average.

DERA GHAZI KHAN.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rab. 396	113,798	112,247	225,545
Rabi 1897	106,183	114,271	220,454
Rabi 1898	113,213	212,387	325,600

The total cropped area has increased by 48 per cent. as compared with the rabi of 1897. The area returned as failed is 11 per cent. of the total area sown. The area under food-grains was 209,155 acres against 175,944 last year.

MUZAFFARGARH.

	Irrigated.	Unirrigated.	Total.
	Acres.	Acres.	Acres.
Rabi 1896	228,819	97,783	326,602
Rabi 1897	222,265	103,012	325,277
Rabi 1898	241,965	114,364	356,329

The area harvested has gone up by nearly 10 per cent. This increase has occurred on both irrigated and unirrigated lands and is due to a copious rainfall and an ample supply of canal water. The increase in the Alipur Tahsíl is less marked owing to damage done by percolation. Wheat was sown on two-thirds of the total area under crops in this district. Generally in the Chahi and Nahri Circles the wheat crop has been a bumper one this year. Throughout the district the sailába wheat on the Chenab riverain lands was a very good one; on the others however owing to the undue prolongation of inundation the wheat crop has been an inferior one. Matar which is mostly grown for fodder and barley, gram and masur also did well.

CONCLUSION.

The only districts which can be said to have had a harvest above the average are Hissar, Umballa, Jhang, Amritsar, Gurdáspur, Ráwalpindi and Muzaffargarh. Rohtak, Karnál, Kángra, Lahore, Gujrát, Gujránwála and Kohát had crops somewhat below the average. Simla had a poor crop this year. In the rest the crops were average.

The principal features of this harvest were the abnormally large area sown, the comparatively poor yield of unirrigated crops owing to the drought which lasted as a rule from the end of September till early in February, the successful outturn on irrigated lands and the poor yield of straw.

J. R. DUNLOP-SMITH, CAPTAIN,

Director of Land Records and

Agriculture, Punjab.

Crop Return of the districts of

1	2	3	4	5	6	7	8	9	10	11	12
		CEREALS AND PULSES.								OIL	
DISTRICTS.	Irrigated or unirrigated.	Wheat.	Barley.	Gram.	Other cereals.	Peas.	Massar.	Other pulses.	Total cereals and pulses.	Linseed.	Rape and others.
		Acres.	Acres.	Acres.	Acres.	Acres	Acres.	Acres.	Acres.	Acres.	Acres.
Hissar	Irrigated ...	40,656	12,020	17,959	...	...	201	...	70,836	...	2,880
	Unirrigated ...	23,816	132,140	273,604	...	...	7		429,567	...	124,450
	Total ...	64,472	144 160	291,563	...	...	208	...	500,403	...	127,330
Rohtak	Irrigated ...	61,939	21,370	12,442	...	126	1,071	...	96,948	...	2,308
	Unirrigated ...	17,302	14,209	108,508	...	22	18	...	140,059	...	5,265
	Total ...	79,241	35,579	120,950	...	148	1,089	...	237,007	...	7,573
Gurgaon	Irrigated ...	27,773	64,830	17,480	88	58	2	154	110,385	...	2,539
	Unirrigated ...	37,986	70,098	89 443	1	51	4	651	198,234	...	15,942
	Total ...	65,759	134 928	106,923	89	109	6	805	308,619	...	18,481
Delhi	Irrigated ...	73,485	12,015	5,266	4,621	849	125	198	96,559	...	3,744
	Unirrigated ...	51,918	24 915	50,091	3,623	779	165	197	131,688	...	6,943
	Total ...	125,403	36,930	55,357	8,244	1,628	290	395	228,247	...	10,687
Karnál	Irrigated ...	128,019	14,031	15,316	884	60	3,089	460	161,859	3	3,352
	Unirrigated ...	87,928	14,028	109,455	17,075	223	5,027	1,213	234,949	328	12,494
	Total ...	215,947	28,059	124,771	17,959	283	8,116	1,673	396,808	331	15,846
Umballa	Irrigated ...	15,880	1,197	3,452	320	106	174	3	21,132	134	853
	Unirrigated ...	165,750	13,378	95,545	13,837	2,530	9,033	104	300,177	3,312	10,088
	Total ...	181,630	14,575	98,997	14,157	2,636	9,207	107	321,309	3,446	10,941
Simla	Irrigated ...	488	35	...	...	1	1	...	525	...	2
	Unirrigated ...	3,210	1 464	13	...	1	14	...	4,702	...	11
	Total ...	3,698	1,499	13	...	2	15	...	5,227	...	13
Kángra	Irrigated ...	50,903	8,422	402	...	613	462	1,082	61,884	12,360	631
	Unirrigated ...	127,322	43,772	17,966	19	118	1,392	428	191,017	468	3,882
	Total ...	178,225	52,194	18,368	19	731	1,854	1,510	252,901	12,828	4,513
Hoshiárpur	Irrigated	18,545	1,793	3,775	14	1	412	46	24 585	138	567
	Unirrigated ...	268,948	21,120	120,585	82	141	10,134	1,704	422,714	2,780	6,582
	Total ...	287,493	22,913	124,360	96	142	10,546	1,750	447,300	2,918	7,149
Jullundur	Irrigated ...	132,055	8,978	6,798	21,883	...	1,010	1,045	171,769	310	1,640
	Unirrigated ...	90,829	4,452	44,251	68,072	...	4,565	2,048	214,217	182	701
	Total ...	222,884	13,430	51,049	89,955	...	5,575	3,093	385,986	492	2,341
Ludhiána	Irrigated ...	91,611	12,277	26,332	34	3	9	87	130,353	49	3,862
	Unirrigated ...	147,781	17,752	130,486	62	2	2,230	428	293,741	347	13,965
	Total ...	239,392	30,029	156,818	96	5	2,239	515	42[illegible],094	396	17,827

the Punjab for Rabi 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
SEEDS.	DYES.	DRUGS AND NARCOTICS.					MISCELLANEOUS FOOD CROPS.							
							Orchards and garden produce.							
Spices.	Safflower.	Poppy.	Tobacco.	Indian hemp (Bhang).	Others.	Fodder crops not shown otherwise.	Fruits.	Vegetables.	Carrots and turnips.	Others.	Miscellaneous non-food crops.	Total of all crops.	Area of crops failed.	Total area sown.
Acres.	Acres.	Acres	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres	Acres	Acres.	Acres.	Acres.
46	...	...	904	...	..	453	72	214	328	916	26	76,735	6,394	83,129
67	1	...	...	...	...	...	6	73	20	143	94	554,421	211,730	766,151
113	1	...	964	...	...	453	78	287	348	1,059	120	631,156	218.124	849,280
75	7	...	508	...	...	1,133	332	235	370	418	153	102,487	2,215	104,702
...	...	...	...	...	...	7	421	1	1	9	5	145,768	122,913	268,681
75	7	...	508	...	...	1,140	753	236	371	427	158	248,255	125,128	373,383
998	5	...	1,766	...	...	402	329	523	1,999	76	11	119,033	1,964	120,997
57	3	...	20	...	..	19	416	17	4	44	143	214,899	44,137	259,036
1,055	8	...	1,786	...	...	421	745	540	2,003	120	154	333,932	46,101	380,033
537	3	...	2,251	...	...	4,365	1,517	880	401	205	167	110,629	1,885	112,514
9	3	...	2	...	...	474	486	477	6	125	340	140,553	35,782	176,335
546	6	...	2,253	...	...	4,839	2,003	1,357	407	330	507	251,182	37,667	288,849
881	13	939	1,931	...	...	7,828	239	446	1,337	622	64	179,514	4,489	184,003
26	3	1	...	...	...	304	2,629	336	103	266	13	251,452	127,404	378,856
907	16	940	1,931	...	...	8,132	2,868	782	1,440	888	77	430,966	131,893	562,859
247	6	1,160	997	...	...	241	488	965	265	26	54	26,568	1,3 2	27,930
40	174	139	17	...	2	225	11,644	1,582	61	193	11	327,665	99,283	426,948
287	180	1,299	1,014	...	2	466	12,132	2,547	326	219	65	354,233	100,645	454,878
...	...	2	..	...	...	...	11	9	...	...	...	549	51	600
...	...	126	1	...	...	...	31	5	...	...	51	4,927	1,849	6,776
...	...	128	1	...	...	...	42	14	...	...	51	5,476	1,900	7,376
23	22	35	445	...	1	6	266	435	10	89	100	76,307	3,080	79,387
26	338	1,464	311	...	...	2	746	116	10	149	14	198,543	72,836	271,379
49	360	1,499	756	...	1	8	1,012	551	20	238	114	274,850	75,916	350,766
56	6	204	2,474	...	4	6,931	...	1,386	681	105	443	37,581	401	37,982
38	2,115	..	111	...	17	1,997	...	5,637	8	4,665	231	446,895	46,700	493,595
94	2,121	204	2,585	...	21	8,928	...	7,023	689	4,770	674	484,476	47,101	531,577
142		403	4,298	...	...	51,781	654	2,386	808	5,738	42	239,972	3,633	243,605
7	1	2	6	...	...	712	171	3	12	1,792	4	217,810	37,704	255,514
149	2	405	4,304	...	...	52,493	825	2,389	820	7,530	46	457,782	41,337	499,119
51	...	...	1,895	...	3	14,027	118	1,159	2,197	1,499	52	155,265	2,835	158,100
8	...	...	7	...	2	1,568	59	78	6	1,327	67	316,175	38,731	354,906
59	...	...	1,902	...	5	15,595	177	1,237	2,203	2,826	119	471,440	41,566	513,006

Crop Return of the districts

1	2	3	4	5	6	7	8	9	10	11	12
		CEREALS AND PULSES.								[illegible]	
DISTRICTS.	Irrigated or unirrigated.	Wheat.	Barley.	Gram.	Other cereals.	Peas.	Massar.	Other pulses.	Total cereals and pulses.	Linseed.	Rape and others.
		Acres	Acres.	Acres	Acres.	Acres.	Acres	Acres	Acres.	Acres.	Acres
Ferozepore ...	Irrigated ...	222,799	37,775	168,370	937	7	246	402	430,53	23	[illegible]
	Unirrigated ...	238,970	125 232	277,512	60	2	4,465	203	646,444	15	[illegible]
	Total ...	461,769	163,007	445,832	997	9	4,711	605	1,076,980	38	[illegible]
Mooltan ...	Irrigated ...	286,497	11,529	18,906	3 154	9,556	766	455	330,863	2	[illegible]
	Unirrigated ...	64,245	2,446	9,507	81	28,970	3,411	1,95[illegible]	110,611	3	[illegible]
	Total ...	350,742	13,975	28,413	3,235	38,526	4,177	2 406	441,474	5	[illegible]
Jhang ...	Irrigated ...	382,281	1 ,420	4,851	10,802	197	883	46	417,897	55	[illegible]
	Unirrigated ...	36,770	2,240	12.909	55	7,22[illegible]	3 052	690	62.948	196	[illegible]
	Total ...	419.060	20 660	17,760	10,857	7 420	3,935	1.153	480,845	251	[illegible]
Montgomery ...	Irrigated ...	157,633	16,234	22,853	1,679	183	[illegible]1	290	198 893	3	[illegible]
	Unirrigated ...	38,94	3,054	14.509	31	4 861	1.352	1,492	64 240	...	[illegible]
	Total ...	196,574	19,288	37,3[illegible]2	1,[illegible]10	5 044	1,373	1 782	263 133	3	4,0[illegible]
Lahore ...	Irrigated ...	346 843	35,323	50,178	1,95[illegible]	22	780	1,036	436,138	29	5,309
	Unirrigated ...	89,821	14,882	129.239	160	...	3.639	5.674	243 415	49	48,261
	Total ...	436 664	50.205	179,417	2,116	22	4,419	6,710	670,553	78	53,57[illegible]
Amritsar ...	Irrigated ...	218,519	22,970	41,637	...	...	1, 69	143	284 438	346	[illegible]
	Unirrigated ...	93,362	6,904	92,416	...	...	1,300	675	194.657	295	[illegible]
	Total ...	311,881	29,874	134 053	...	...	2,469	818	479 095	641	[illegible]
Gurdáspur ...	Irrigated ...	70,885	14,202	2,665	169	...	4.501	...	92.422	543	[illegible]
	Unirrigated ...	238,898	65,204	52.540	4,257	...	11,790	...	372,689	5,672	[illegible]
	Total ...	309,783	79,406	55 205	4 426	...	16,291	...	465 111	6,215	[illegible]
Siálkot ...	Irrigated ...	230,019	67,991	4,204	267	37	4,000	458	306,976	[illegible]	[illegible]
	Unirrigated ...	112,7[illegible]8	37.523	11,146	66	154	10,775	1,145	173 527	[illegible]	[illegible]
	Total ...	342,737	105,514	15 359	333	191	14,775	1,603	480,503	[illegible]	[illegible]
Gujrát ...	Irrigated ...	86,000	26,864	2,191	464	...	874	747	117.140	210	[illegible]
	Unirrigated ...	183,690	37,558	26,706	202	10	8,201	224	256,591	1,286	[illegible]
	Total ...	269,690	64,422	28 897	666	10	9 075	971	373,731	1.496	[illegible]
Gujránwála ...	Irrigated ...	290,493	46,229	7,742	21,803	16	460	187	366,930	172	[illegible]
	Unirrigated ...	26,176	23,273	47,354	27,004	681	325	861	125.674	435	[illegible]
	Total ...	316,669	69,502	55,096	48,807	697	785	1,048	492,604	607	[illegible]
Shahpur ...	Irrigated ...	133,022	10,966	16,657	3,090	5	1,567	...	165,307	30	[illegible]
	Unirrigated ...	109,822	6,428	20,299	180	49	3,562	...	140,340	193	[illegible]
	Total ...	242,844	17,394	36,956	3,270	54	5,129	...	305,647	223	[illegible]

the Punjab for Rabi 1898—continued.

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
SEEDS.	DYES.	DRUGS AND NARCOTICS.					MISCELLANEOUS FOOD CROPS.							
							Orchards and garden produce.							
Spices.	Safflower.	Poppy.	Tabacco.	Indian hemp (Bhang).	Others.	Fodder crops not shown otherwise.	Fruits.	Vegetables.	Carrots and turnips.	Others.	Miscellaneous non-food crops.	Total of all crops.	Area of crops failed.	Total area sown.
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres	Acres	Acres	Acres.	Acres.	Acres.	Acres.	Acres.
232	...	...	2,594	...	...	16,394	203	1,057	3,575	9,255	86	508,260	11,851	520,111
216	...	...	5	...	...	2,932	25	7	134	2,622	4	745,866	137,761	883,627
448	...		2,599	...	...	19,326	228	1,06.	3,709	11,877	90	1,254,126	149,612	1,403,738
299	1	2	1,962	7	96	11,418	1,106	3,100	43,687	25	63	404,380	8,574	412,954
41	...	...	1	...	28	2,664	10	48:	2,579	4	45	126,403	4,524	130,927
340	1	2	1,963	7	124	14,082	1,116	3,58	46,266	29	108	530,783	13,098	543,881
75	80	3	2,214	2	...	26,888	15	410	31,157	9,238	141	515,946	12,482	528,428
28	...	...	2	...	...	202	...	...	1,424	1,277	2	67,498	2,226	69,724
103	80	3	2,216	2	...	27,090	151	410	34,581	10,515	143	583,444	14,708	598,152
2,079	...	15	1,764	...	...	19,849	115	647	32,354	2,893	47	261,425	15,121	276,546
23	...	...	6	...	...	4,282	68	402	3,164	288	16	73,745	13,696	87,441
2,102	...	15	1,770	...	...	24,131	183	1,049	35,518	3,181	63	335,170	28,817	363,987
243	...	378	3,165	1	5	59,467	1,499	9,453	13,185	31	171	529,074	24,829	553,903
18	...	...	12	...	27	2,104	28	1,696	238	100	2	295,950	90,734	386,684
261	...	378	3,177	1	32	61,571	1,547	11,149	13,433	131	173	825,024	115,563	940,587
454	...	371	2,023	...	...	69,072	8,439	2,558	750	2,173	143	372,502	12,714	385,216
4	...	...	13	...	...	965	549	15	18	1,135	4	208,515	30,316	238,831
458	...	371	2,036	...	...	70,037	8,988	2,573	768	3,308	147	581,017	43,030	624,047
245	...	...	1,352	...	...	17,585	706	1,662	63	1,940	144	116,902	1,331	118,233
337	15	...	3 9	...	...	7,282	1,511	241	61	7,561	82	399,038	32,949	431,987
582	15	...	1,991	...	...	24,867	2,217	1,903	124	9,504	226	515,940	34,280	550,220
165	...	...	3,691	...	1	61,388	3,284	3,992	2,501	382	10	384,422	17,929	402,351
26	1	...	31	...	4	3,763	5,590	237	12	9	3	188,941	52,790	241,731
191	1	...	3,722	...	5	65,15	8,874	4,229	2,513	391	13	573,363	70,719	644,082
...	30	25	1,937	...	...	18,685	297	2,841	1,129	3,547	1,262	148,933	15,804	164,737
...	526	1	55	...	...	2,136	1,228	754	47	2,066	565	292,890	97,835	390,725
...	556	26	1,987	...	...	20,821	1,525	3,595	1,176	5,613	1,827	441,823	113,639	555,462
92	1	...	2,483	...	25	38,689	331	1,676	12,711	6,016	382	442,142	22,288	464,430
1	1	...	1	...	...	44	9	6	102	640	...	133,414	51,395	184,809
93	2	...	2,484	...	25	38,733	340	1,682	12,813	6,656	382	575,556	73,683	649,239
197	...	897	973	4	427	2,190	5	1,011	21,252	1,082	91	194,270	10,889	205,159
3		...	8	...	12	19	...	510	163	2,128	...	149,055	22,678	171,733
200	...	897	981	4	439	2,209	5	1,521	21,415	3,210	91	343,325	33,567	376,892

Crop Return of the districts of

1	2	3	4	5	6	7	8	9	10	11	12
		Cereals and Pulses.								Oil	
Districts.	Irrigated or unirrigated.	Wheat.	Barley.	Gram.	Other cereals.	Peas.	Massar.	Other pulses.	Total cereals and pulses.	Linseed.	Rape and others.
		Acres.	Acres.	Acres.	Acres.	Acres	Acres.	Acres.	Acres.	Acres	Acres.
Jhelum ...	Irrigated ...	13,883	4,195	64	959	7	173	73	19,354	100	98
	Unirrigated ...	394 440	18,606	48,892	2	184	3,552	30	465,706	755	44,176
	Total ...	408,323	22,801	48,956	961	191	3,725	103	485,060	855	44,274
Ráwalpindi ...	Irrigated ...	10,847	12,360	3	35	22	72	552	23,891	31	291
	Unirrigated ...	415,315	46,959	39,005	4	19	1,760	3	503,065	117	69,769
	Total ...	426 162	59,319	39,008	39	41	1,832	555	526,956	148	70,060
Hazára ...	Irrigated ...	13,095	7,836	8	...	25	19	20	21,003	...	417
	Unirrigated ...	101,328	59.688	503	...	359	3,303	358	165,539	5	7,130
	Total ...	114,423	67,524	511	...	384	3,322	378	186,542	5	7,547
Pesháwar ...	Irrigated ...	102,932	96,763	16	65	223	3,942	390	204,331	3	6,203
	Unirrigated ...	213,846	185,526	2,534	26	...	516	21	402,469	10	27,212
	Total ...	316,778	282,289	2,550	91	223	4,458	411	606,800	13	33,415
Kohát ...	Irrigated ...	17,249	4,706	...	...	1	1	...	21,557	...	131
	Unirrigated ...	89,703	4,053	16.781	...	...	...	...	110,537	...	2,666
	Total ...	106,95	8,759	16,78.		1	1	...	132,494	...	2.797
Bannu ...	Irrigated ...	80,376	18,243	353	...	47	...	19	99,038	5	683
	Unirrigated ...	233,300	12,952	120,092	...	1,521	3.271	2	371.138	1 7	7,677
	Total ...	313,676	31,195	120,445	...	1,568	3,271	21	470,176	122	8,360
Dera Ismail Khan	Irrigated ...	107,778	10,340	728	931	239	4	235	120,255	1	5,210
	Unirrigated ...	252,159	18,949	53,844	4,869	22,910	3,461	69	356,261	51	60,607
	Total ...	359,937	29,289	54,572	5,800	23 149	3,465	304	476,516	52	65,817
Dera Ghází Khan	Irrigated ...	85.576	3,709	3,876	38	5,660	110	312	99,281	...	3,522
	Unirrigated ...	78,481	3,151	9,434	2,397	9,995	5,782	634	109,874	...	101,[illegible]
	Total ...	164,057	6,860	13,310	2,435	15,655	5,892	940	209 155	...	105,[illegible]
Muzaffargarh ...	Irrigated ...	175,315	9,646	8,846	72	12,022	2,818	64	208,783	...	5,[illegible]
	Unirrigated ...	57,988	3,902	10,202	346	24,888	6,178	513	104,017	8	5,[illegible]
	Total ...	233,303	13,548	19 048	418	36,910	8,996	577	312,800	8	10,[illegible]
Total ...	Irrigated ...	3,673,396	633,269	463,370	74,265	30,086	28,962	8,921	4,912,269	[illegible],949	152,[illegible]
	Unirrigated ...	4,092,772	1,035 858	2,035,371	142,511	105,693	112,284	21,318	7,545,807	20,200	736,[illegible]
	Total ...	7,766,168	1,669,127	2,498,741	216,776	135,779	141,246	30,239	12,458,076	36,149	889,[illegible]
Total of previous year.	...	6,044,432	1,143,356	1,207,925	213,384	123,870	95,831	29,944	8,858,742	31,736	403,[illegible]
Difference ...	...	+1,721.736	+525,771	+1,290,816	+3,392	+11,909	+45,415	+295	+3,599,334	+4,413	+485,[illegible]

the Punjab for Rabi 1898—concluded.

13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
SEEDS.	DYES	DRUGS AND NARCOTICS.				Fodder crops not shown otherwise.	MISCELLANEOUS FOOD CROPS.				Miscellaneous non-food crops.	Total of all crops.	Area of crops failed.	Total area sown.
							Orchards and garden produce.							
Spices.	Safflower.	Poppy.	Tabacco.	Indian hemp (Bhang).	Others.		Fruits	Vegetables.	Carrots and turnips.	Others				
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres	Acres.	Acres	Acres.	Acres	Acres.	Acres.	Acres.	Acres.
64	...	...	64	...	...	1,045	153	685	2,280	617	27	25,065	1,796	26,861
4	18	...	20	...	...	928	3	41	56	3,514	4	515,247	102,539	617,786
68	18	...	662	...	...	1,973	156	726	2,338	4,151	31	540,312	104,335	644,647
102	...	...	2,819	...	3	78	97	405	364	1,742	41	30,575	637	31,212
1	...	...	11	...	4	299	15	18	12	2,915	4	576,231	96,623	672,853
103	...	...	2,83	...	7	1,088	112	423	370	4,657	45	606,8 5	97,260	704,065
133	...	...	212	...	...	3,21.	152	213	58	162	10	25,575	750	26,325
1	...	...	...	...	...	70	6	17	4	1	...	172,787	19,303	192,090
134	...	...	214	..	...	3,283	158	230	62	17.	10	198,362	20,053	218,415
8	...	...	4,158	...	...	13,487	984	1,878	157	2,26.	939	234,411	4,342	238,753
..	...	...	1	...	...	68	...	3	...	2 173	113	432,049	15,411	447,460
8	...	...	4,159	...	...	13,555	984	1,881	157	4 436	1,052	666,466	19,753	686,213
5	...	...	120	...	...	464	194	55	49	377	...	23,352	1,490	24,842
...	...	...	...	...	...	...	...	...	...	806	...	114,009	15,134	129,143
5	...	...	120	...	...	464	194	55	49	1,183	...	137,361	16,624	153,985
...	..	...	446	...	...	10,113	205	403	306	2,396	6	113,631	3,306	116,937
...	...	...	...	...	...	200	...	6	164	4,90	2	384,212	35,427	419,639
...	...	...	446	...	...	10,313	205	409	500	7,304	8	497,843	38,733	536,576
315	2	...	780	9	...	288	255	473	11,730	2,080	41	141,439	5,100	146,539
226	1	...	...	2	...	1,248	...	20	5,534	9,640	51	433,641	69,471	503,112
541	3	...	78	11	...	1,536	255	493	17,264	11,720	92	575,080	74,571	649,651
1	...	358	1,557	30	2	1,146	263	974	5,581	159	39	113,213	6,973	120,186
...	2	...	...	7	22	214	5	169	653	220	29	212,387	34,805	247,192
1	2	358	1,557	37	24	1,360	268	1,143	6,234	379	68	325,600	41,778	367,378
66	...	...	1,046	1	...	22,443	686	1,001	438	312	1,892	241,965	3,579	245,544
16	...	...	1	...	...	2,025	8	26	60	407	2,098	114,364	2,218	116,582
82	...	...	1,047	1	...	24,468	694	1,027	498	719	3,990	356,329	5,797	362,126
7,831	177	4,792	53,464	54	567	481,760	23,151	43,132	193,753	56,384	6,647	5,952,122	210,094	6,162,216
1,223	3,202	1,733	981	9	118	36,753	25,664	12,974	14,658	51,164	3,997	8,455,349	1,766,904	10,222,253
9,054	3,379	6,525	54,445	63	685	518,533	48,815	56,106	208,411	107,548	10,644	14,407,471	1,976,998	16,384,469
9,334	3,972	8,403	54,427	109	4,057	499,001	57,960	70,910	224,319	133,705	10,729	10,371,181	1,994,566	12,365,747
− 28[illegible]	− 593	− 1,878	+ 18	− 46	− 3,372	+ 19,532	− 9,145	− 14,804	− 15,908	− 26,157	− 85	+ 4,036,290	− 17,568	+ 4,018,722

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

TABLE OF RAINFALL RECORDED AT STATIONS IN THE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, South.	Hissar.	Sirsa ...	...	...	0·35	...	...	...	...	...	...	...	0·10	...	...	...	0·69	...	...	...	...	0·19	...
		Fatahabad ...	0·22	0·10	...	...	...	...	...	...	...	...	...	0·05	0·01	0·62	...	...	0·23	0·34	0·07	...	0·11
		Hissar ...	0·36	0·19	...	...	...	...	...	...	...	...	...	...	0·06	...	...	...	0·25	1·55	0·32	0·05	...
		Hansi ...	0·99	0·22	...	...	...	...	...	...	...	...	0·21	...	0·83	...	...	...	0·30	1·00	0·75	0·14	...
		Bhiwani ...	0·06	0·74	...	...	...	...	...	...	...	...	1·25	...	...	...	0·03	...	...	0·78	0·82	...	...
		Budhlada ...	0·30	1·34	0·40	...	...	...	...	...	...	...	0·14	...	0·50	...	...	...	0·85	0·57	...	0·10	...
		Tohana ...	...	1·85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·75	0·60	...	...	...
	Jind State.	Dhaneta *C* ...	1·20	0·50	...	...	...	...	...	...	...	...	1·00	0·40	0·20	...	0·80	...	0·20	...	0·30	...	...
		Safidan *C* ...	...	1·40	...	...	...	...	...	...	...	...	2·70	...	1·30	...	...	...	0·40	0·50	...	...	...
		Jind *C* ...	0·10	1·60	...	...	...	...	...	...	...	...	0·10	...	0·20	...	...	...	0·20	0·20	0·30	...	...
	Bikaner State.	Chhani *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·60	...	2·60
	Ferozepore.	Moga ...	2·35	0·51	...	...	...	...	...	...	...	...	0·84	0·80	0·41	0·80	...	...	...	0·48	0·08	...	...
		Zira ...	2·03	0·34	...	...	...	...	...	...	...	0·28	0·23	2·04	0·52	0·50	...	...	0·32	...	0·57	...	...
		Ferozepore Sadr ...	1·15	1·68	0·30	...	...	...	...	...	...	...	0·70	2·04	1·02	...	...	...	0·49	...	...	...	0·17
		Ferozepore City ...	1·52	0·68	0·28	...	...	...	...	...	...	...	0·51	2·27	0·96	...	...	...	0·3[illegible]	...	...	...	...
		Muktsar ...	0·36	0·31	0·86	...	...	...	...	...	...	...	...	...	0·03	0·10	...	...	...	...	...	0·[illegible]5	...
		Fazilka ...	...	0·86	0·14	...	...	...	...	...	...	...	0·57	...	0·80	...	...	...	...	...	...	0·67	...
		Nathana ...	0·75	0·14	0·15	...	...	...	...	...	...	...	...	0·85	0·58	...	...	...	...	0·31	...	0·45	...
		Jalalabad ...	0·48	...	0·44	...	...	...	...	...	...	...	...	0·24	2·35	...	...	...	...	...	...	0·35	...
		Govindgarh *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	0·60	...	...	0·50	...	...	0·50	...	...
		Phidda *C* ...	0·60	0·60	...	...	...	...	...	...	0·20	0·20	0·70	0·70	0·30	...	...	...	...	...	...	...	...
	Montgomery.	Gugera ...	0·13	1·38	...	...	...	...	...	...	...	...	1·65	0·08	0·55	0·25	...	...	...	...	...	...	...
		Montgomery ...	...	1·02	...	...	...	...	...	...	...	...	...	...	0·43	...	...	...	...	...	...	...	...
		Pakpattan ...	...	0·46	...	...	...	...	...	...	...	...	...	...	0·20	R.	...	...	...	...	...	0·21	0·30
		Dipalpur ...	...	0·65	...	...	...	...	...	...	...	...	...	...	1·20	...	...	...	...	...	...	0·05	...
		Sandyanwala *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gurgaon.	Farukhnagar ...	0·10	...	...	...	...	...	...	...	...	...	0·19	...	...	0·63	...	...	1·00	0·70	2·15	...	...
		Jatusana ...	...	0·50	...	...	...	...	...	...	...	...	0·90	...	...	...	...	...	0·50	0·20	1·90	...	...
		Rewari ...	0·08	0·24	...	...	...	...	...	...	...	0·09	1·39	0·10	...	0·63	...	...	...	0·80	0·85	...	0·06
		Shahjahanpur ...	...	...	...	...	...	...	...	...	...	...	0·85	...	...	...	1·00	...	...	...	2·00	...	...
		Tauru ...	0·30	...	...	1·00	...	...	...	...	...	0·90	...	...	...	...	...	...	...	...	0·30	...	...
		Nuh ...	0·15	0·12	...	...	0·08	...	...	...	...	...	0·10	1·50	...	...	...	0·22	0·12	...	0·40	...	0·60
		Firozpur ...	...	0·07	...	...	0·04	...	...	...	...	...	1·42	0·45	...	...	...	0·30	...	1·00	0·84	...	...
		Hodal ...	...	...	...	...	0·02	...	0·20	...	...	1·00	1·00	...	...	...	...	...	...	1·45	0·10	0·01	0·10
		Hattin ...	0·31	...	...	...	0·10	...	...	...	...	...	...	0·28	0·08	...	...	...	0·43	1·30	...	...	...
		Palwal ...	0·18	...	...	...	0·12	...	...	...	...	...	...	0·79	...	...	...	0·19	0·77	1·47	0·25	...	...
		Sohna ...	0·30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·20	...	...	...
		Gurgaon ...	0·07	0·02	...	...	0·05	...	...	...	...	...	0·06	R.	...	...	0·35	...	0·18	0·81	0·93	...	0·04
		Punahana ...	...	...	...	...	0·90	...	...	...	...	...	0·08	0·70	...	...	...	...	...	1·12	...	...	...
	Rohtak.	**Rohtak** ...	0·50	0·85	...	...	...	...	...	...	...	...	0·50	0·12	...	...	...	...	1·47	1·32	0·70	...	...
		Gohana ...	...	0·95	0·52	...	...	...	...	...	...	...	0·55	...	0·50	...	...	...	0·42	0·76	0·93	...	...
		Sampla ...	...	0·40	...	...	0·15	...	...	...	...	...	0·77	...	...	...	0·11	...	0·28	...	1·11	...	...
		Jhajjar ...	1·20	...	...	...	...	...	...	...	...	...	0·54	...	...	0·30	...	...	0·05	0·63	1·00	...	...
	Delhi.	Ballabgarh ...	...	...	...	...	...	...	...	...	...	...	...	0·12	...	...	...	...	1·25	1·21	0·58	...	...
		Mahrauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·96	1·48	0·41	...	...
		Sadr (Delhi) ...	0·13	0·35	...	...	...	...	...	...	...	...	0·94	0·02	...	...	...	...	1·00	0·70	0·88	...	...
		Sonepat ...	...	...	...	...	...	...	...	...	...	...	0·90	...	0·50	...	...	...	0·32	0·24	0·98	...	...

PUNJAB FOR THE MONTH OF JULY 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st July 1898.	Average rainfall from 31st October up to 1st July.	Station.	District.	Meteorological Division.
...	...	2·81	...	...	...	...	...	...	...	5	5·1	4·14	3·56	2·81	8·22	8·62	Sirsa	Hissar.	Punjab, South.
...	...	3·41	...	...	...	...	...	...	...	7	5·2	5·16	5·55	3·41	8·68	10·47	Fatahabad		
...	...	0·23	...	...	...	...	...	0·36	0·50	8	6·3	3·87	5·35	1·55	9·81	10·29	**Hissar**		
...	...	1·57	...	...	...	...	...	...	...	9	5·5	6·01	4·71	1·57	11·13	9·28	Hansi		
...	...	...	0·15	...	...	...	0·32	...	0·28	7	5·0	4·43	4·50	1·25	10·76	8·82	Bhiwani		
...	...	1·00	...	...	...	...	...	1·15	0·84	11	?	7·19	?	1·34	11·23	?	Budhlada		
...	...	0·20	...	...	...	...	...	...	...	4	?	4·40	?	1·85	6·69	?	Tohana		
...	...	0·90	...	...	...	...	0·40	...	0·70	11	?	6·60	?	1·20	11·69	?	Dhaneta *C*	Jind State.	
...	...	1·00	...	...	...	0·15	1·30	...	...	8	?	8·75	?	2·70	13·35	?	Safidan *C*		
...	...	3·00	...	...	...	...	0·80	2·10	...	10	?	8·60	?	3·00	11·24	?	Jind *C*		
0·60	...	...	...	...	...	...	...	...	0·80	4	?	4·60	?	2·60	8·00	?	Chhani *C*	Bikaner State.	
...	1·35	...	...	...	...	...	0·12	1·12	0·42	11	5·4	9·28	5·55	2·35	15·62	9·95	Moga	Ferozepore.	
...	...	...	...	...	...	0·12	0·09	0·68	0·47	12	5·2	8·19	6·48	2·04	14·37	11·80	Zira		
...	...	...	...	...	...	...	0·11	...	0·58	10	5·2	8·24	5·23	2·04	16·14	10·89	**Ferozepore Sadr**		
...	...	...	...	...	...	...	0·17	0·03	0·57	9	?	7·32	?	2·27	15·56	?	Ferozepore City		
...	...	...	...	0·16	...	...	0·31	...	0·95	8	3·4	3·23	2·86	0·95	9·40	5·37	Muktsar		
0·04	...	...	...	...	...	...	...	...	2·53	6	?	5·61	?	2·53	9·11	?	Fazilka		
...	0·19	0·15	...	...	...	...	...	1·00	0·55	11	?	5·12	?	1·00	9·96	?	Nathana		
0·85	...	...	...	...	...	...	0·88	...	0·94	8	?	6·53	?	2·35	10·20	?	Jalalabad		
...	...	...	...	...	...	...	1·30	0·40	...	5	?	3·30	?	1·30	5·50	?	Govindgarh *C*		
...	...	...	...	...	...	...	...	...	...	7	?	3·30	?	0·70	5·70	?	Phidda *C*		
...	...	...	...	...	...	...	...	...	0·38	6	3·8	4·42	2·52	1·65	8·23	5·19	Gugera	Montgomery.	
...	...	0·15	...	...	...	...	...	...	...	3	3·6	1·60	3·90	1·02	3·84	7·43	**Montgomery**		
...	...	...	...	...	...	...	...	...	0·65	5	3·8	1·82	2·65	0·65	3·37	5·13	Pakpattan		
0·68	...	...	...	...	...	...	...	...	0·07	3	3·8	2·69	2·71	1·20	7·44	5·56	Dipalpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Sandyanwala *C*		
...	...	0·40	...	...	...	1·10	...	...	0·11	9	?	6·38	?	2·15	10·59	?	Farukhnagar	Gurgaon.	Punjab, Central.
...	...	...	...	...	...	...	...	...	...	5	?	4·00	?	1·90	7·20	?	Jatusana		
...	0·35	...	...	...	...	0·58	...	...	0·35	9	6·9	5·52	7·20	1·39	10·48	11·62	Rewari		
...	...	2·00	...	...	...	...	...	...	...	4	?	5·85	?	2·00	15·46	?	Shahjahanpur		
...	2·00	...	...	...	...	0·80	...	...	...	6	?	5·30	?	2·00	10·80	?	Tauru		
...	0·16	...	...	...	...	...	...	...	2·40	10	8·2	5·85	8·90	2·40	11·52	13·96	Nuh		
...	...	...	...	...	...	0·14	0·07	...	0·62	7	7·6	4·95	7·54	1·42	9·27	10·86	Firozpur		
...	...	...	...	...	...	...	...	...	0·40	7	?	4·28	?	1·45	8·19	?	Hodal		
...	...	...	...	...	...	...	...	0·90	0·40	7	?	3·80	?	1·30	10·31	?	Hattin		
...	...	...	...	...	...	...	...	0·76	1·94	9	7·5	6·47	9·05	1·94	11·50	13·30	Palwal		
...	...	...	...	...	...	...	...	...	...	2	?	1·50	?	1·20	4·60	?	Sohna		
...	...	...	...	...	...	R.	0·40	0·49	0·46	7	8·3	3·86	8·77	0·93	9·49	14·56	**Gurgaon**		
...	...	...	...	...	...	...	...	...	0·95	4	?	3·75	?	1·12	8·80	?	Punahana		
...	...	0·20	...	...	...	0·20	0·10	0·15	1·05	12	7·7	7·16	6·10	1·47	15·24	11·56	**Rohtak**	Rohtak.	
...	...	.	...	...	...	...	0·36	1·30	...	8	6·8	5·53	7·06	1·30	13·01	12·37	Gohana		
...	...	..	...	...	...	0.86	0·40	0·10	1·40	11	7·6	6·24	7·39	1·40	11·72	12·10	Sampla		
...	...	...	...	...	...	1·37	0·91	...	...	7	7·6	6·00	6·40	1·37	12·52	11·25	Jhajjar		
...	...	...	...	...	0·67	0·74	0·11	0·24	0·96	9	8·2	5·86	8·45	1·25	9·90	14·25	Ballabgarh	Delhi.	
1·10	...	...	...	...	...	...	0·35	1·78	...	6	?	6·08	?	1·78	11·27	?	Mahrauli		
...	0·12	0·34	...	...	...	...	0·22	0·19	1·07	11	8·8	5·96	8·54	1·07	9·92	15·86	**Sadr (Delhi**		
...	...	...	...	...	...	...	0·04	1·41	2·25	7	6·3	6·64	6·41	2·25	14·43	12·45	Sonepat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Central—*concluded.*	Karnal.	Panipat ...	...	0·81	0·05	...	...	...	...	...	...	...	1·27	0·05	0·50	...	...	...	...	0·23	0·35	...	0·17
		Karnal ...	...	0·64	...	...	...	...	...	...	...	...	0·48	0·50	1·80	...	...	...	...	0·25	0·46	...	0·82
		Rajaund ...	0·95	0·14	...	...	...	...	...	...	...	1·00	0·18	3·50	...	...	...	0·[illegible]0	0·10	0·40	...	...	...
		Kaithal ...	0·16	1·39	0·03	...	...	...	...	...	...	...	0·44	0·34	1·44	...	...	...	0·40	0·06	0·38	0·09	...
		Gulah ...	2·09	...	...	...	...	0·11	...	...	...	4·00	0·57	1·02	...	...	...	0·45	...	0·24	...	...	...
		Thansear ...	0·31	0·63	...	...	...	0·12	...	...	...	0·24	0·76	0·34	2·60	...	...	...	...	...	0·78	...	...
	Lahore.	Van *C* ...	0·50	...	1·50	...	...	...	...	...	...	...	0·50	0·30	...	...	...	...	0·70	...	...	...	1·57
		Chunian ...	0·45	0·28	0·97	...	...	...	...	...	...	...	0·42	0·44	0·27	...	...	...	...	...	...	...	...
		Kasur ...	2·08	0·50	...	...	...	...	...	...	...	...	1·09	...	0·60	...	...	...	...	0·60	0·30	...	...
		Pambe *C* ...	3·40	0·50	...	...	...	...	...	...	...	...	0·36	1·74	1·10	...	...	...	0·62	...	0·10	0·70	...
		Sharakpur ...	2·52	0·06	0·09	...	...	...	...	...	...	...	0·76	1·85	2·77	...	...	...	0·06	0·99	...	0·18	...
		Niaz Beg *C* ...	1·50	0·22	...	...	...	...	...	...	...	0·25	1·70	2·65	1·35	...	0·10	...	0·50	0·50	...	0·60	...
		Lahore ...	1·99	...	...	...	...	...	...	...	...	0·02	0·98	1·90	1·37	0·08	...	...	0·51	...	...	0·42	...
		Meean Meer *C* ...	3·45	...	...	...	...	...	...	...	...	0·40	2·20	2·75	2·45	1·50	...	...	0·55	0·40	0·25	0·50	...
		Manihala *C* ...	0·60	0·15	0·05	...	...	...	...	...	...	...	0·50	0·45	1·50	0·05	...	...	0·10	0·40	1·15	0·80	0·10
		Daftuu *C* ...	2·06	...	0·31	...	...	...	...	...	...	...	0·00	1·50	0·30	...	...	...	0·30	...	...	1·70	...
		Nijabat *C* ...	0·19	0·25	...	...	...	...	...	...	...	...	1·14	0·18	0·73	...	...	...	...	...	...	...	...
Punjab, Submontane.	Umballa.	Jagadhri ...	...	0·12	...	...	...	...	...	...	...	0·32	0·32	0·29	0·06	...	0·35	...	...	...	0·36	...	...
		Umballa ...	...	2·00	...	...	...	0·20	...	...	...	...	1·24	0·01	1·19	...	...	...	0·55	0·05	0·38	...	...
		Naraingarh ...	0·07	1·01	...	...	...	...	...	0·05	...	0·91	1·95	1·13	0·38	...	...	...	...	...	...	...	...
		Kharar ...	...	0·37	...	...	...	...	...	...	...	...	2·11	0·75	1·53	...	...	...	0·11	...	0·62	...	...
		Rupar ...	...	2·12	...	...	...	...	...	...	0·25	2·35	0·90	...	...	...	1·45	1·45	...	...	1·45	...	...
		Dadupur *C* ...	...	1·10	...	...	...	0·10	...	...	...	0·60	0·90	0·50	...	...	...	...	...	...	0·40	...	...
	Patiala State.	Kotra *C* ...	0·20	2·43	...	...	...	...	...	...	...	...	...	...	0·41	...	1·08	...	...	0·20	0·06	0·09	...
		Jodhpur *C* ...	0·33	0·44	...	...	...	...	...	...	...	...	...	...	0·18	...	...	...	0·30	0·36	...	0·40	...
		Raniki *C* ...	1·75	0·83	...	...	...	...	...	...	...	...	0·87	1·66	0·91	0·15	...	...	0·02	0·10	...	0·05	0·25
		Lehal *C* ...	...	0·87	...	...	...	...	...	...	...		1·48	1·83	0·06	...	...	...	0·88	...	0·46	...	...
		Gujran *C* ...	1·35	1·45	...	...	...	...	...	...	...	0·22	0·85	...	0·30	0·05	...	...	0·25	0·35	...	...	...
		Barthala *C* ...	...	0·95	...	...	...	...	...	...	...	...	4·24	0·75	...	...	...	1·36	...	...	0·29	...	...
	Nabha State.	Dadahur *C* ...	1·10	0·60	0·20	...	...	...	...	...	...	...	1·50	1·60	...	1·90	...	...	0·30	0·30	...	...	...
		Bundher *C* ...	0·67	1·32	0·16	...	...	...	...	...	...	...	...	...	0·67	...	...	...	0·22	0·22	...	...	...
	Ludhiana.	Samrala ...	...	0·80	...	...	...	...	...	...	...	...	2·60	0·35	...	0·75	0·15	...	...	0·17	0·43	...	[illegible]
		Ludhiana ...	2·90	0·67	...	...	...	...	...	...	...	...	1·68	0·43	0·12	1·70	0·16	...	1·90	...	0·13	...	0·25
		Jagraon ...	2·09	0·32	0·07	...	...	...	...	...	...	...	1·70	2·72	0·34	3·22	0·05	...	0·92	0·30	0·15	...	...
	Jullundur.	**Jullundur** ...	...	...	...	...	...	...	...	...	0·38	3·00	0·15	0·39	0·53	...	...	0·75	...	0·65	...	...	...
		Nakodar ...	0·37	0·70	...	...	...	...	...	...	...	...	1·60	0·99	0·07	0·16	...	...	1·33	0·04	1·66	...	...
		Phillour ...	0·44	0·33	...	...	...	...	...	...	...	...	2·73	0·98	...	2·34	0·05	...	1·60	0·21	0·40	...	...
		Nawashahr ...	0·76	0·51	...	...	...	...	...	...	...	4·40	1·30	...	0·55	0·18	...	0·31	...	1·05	0·18	...	...

Punjab for the month of July 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st July 1898.	Average rainfall from 1st October up to 31st July.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	0·65	0·17	[illegible]	0·46	10	8·0	5·44	7·52	1·27	11·94	13·33	Panipat	Karnal.	Punjab, Central—*concluded.*
...	...	...	...	...	...	...	0·43	...	1·20	9	10·4	6·58	9·35	1·80	16·65	19·11	Karnal		
...	1·50	...	...	...	...	0·30	0·50	0·40	...	12	?	9·17	?	3·50	12·21	?	Rajaund		
...	...	3·48	...	...	...	...	...	0·09	0·32	9	7·4	8·62	6·53	3·48	12·90	12·10	Kaithal		
...	0·52	...	...	...	...	0·06	..	0·48	...	9	?	9·54	?	4·00	14·70	?	Gulah		
...	...	...	...	...	...	...	0·55	...	1·86	10	6·8	8·19	8·27	2·60	22·14	15·38	Thanesar		
...	...	...	...	...	...	...	0·90	...	1·90	8	4·6	7·87	3·61	1·90	14·87	10·00	Van *C*	Lahore.	
0·78	...	...	...	...	...	...	0·68	...	1·06	9	2·7	5·35	3·54	1·06	10·74	8·03	Chunian		
...	...	...	...	...	...	...	0·72	...	0·50	8	4·2	6·39	3·68	2·08	12·83	7·43	Kasur		
0·90	...	...	0·50	...	...	0·30	0·10	...	1·20	13	5·4	11·52	5·27	3·40	16·60	11·06	Pambe *C*		
...	...	...	...	...	...	1·64	0·42	...	0·72	9	3·7	12·02	2·91	2·77	17·65	6·24	Sharakpur		
0·05	...	0·10	...	...	...	...	0·60	...	1·35	13	4·7	11·87	6·70	2·65	18·78	12·93	Niaz Beg *C*		
0·04	...	0·04	...	...	...	0·59	...	0·51	0·87	9	6·5	9·32	5·08	1·99	16·93	10·73	Lahore		
...	...	0·05	...	...	...	0·70	...	1·10	0·50	13	5·4	16·80	6·70	3·45	25·94	15·28	Meean Meer *C*		
...	...	0·80	...	...	...	...	0·90	0·35	0·70	14	7·0	8·60	6·24	1·50	13·25	12·23	Manihala *C*		
0·10	...	...	...	...	...	0·80	...	...	0·20	10	?	7·87	?	2·06	13·20	?	Dafthu *C*		
...	...	...	...	...	...	...	...	1·00	...	6	?	3·49	?	1·14	6·27	?	Nijabat *C*		
...	...	...	...	...	1·02	0·55	0·83	...	1·01	10	8·9	5·23	11·16	1·02	14·85	22·32	Jagadhri	Umballa.	Punjab, Submontane.
...	...	...	0·02	...	...	...	0·48	1·48	...	8	9·7	7·60	10·95	2·00	21·18	20·27	Umballa		
...	...	...	...	...	2·26	0·91	0·03	...	...	7	11·0	8·70	11·83	2·26	20·24	21·09	Naraingarh		
...	...	...	...	...	...	...	0·90	1·55	0·25	9	8·7	8·19	9·66	2·11	19·56	19·67	Kharar		
...	...	...	...	...	...	...	0·42	1·52	...	9	8·2	11·91	7·51	2·35	24·08	16·78	Rupar		
0·40	...	2·50	...	...	3·00	...	1·00	...	0·60	11	?	11·10	?	3·00	21·90	?	Dadupur *C*		
...	...	3·02	...	...	...	...	...	1·23	0·27	8	?	8·99	?	3·02	11·55	?	Kotra *C*	Patiala State.	
...	...	0·43	...	...	...	...	...	...	0·43	8	?	2·87	?	0·44	6·83	?	Jodhpur *C*		
...	...	0·10	...	...	...	...	0·05	1·90	0·20	11	?	8·84	?	1·90	14·84	?	Raniki *C*		
...	...	0·31	...	...	...	...	0·08	0·82	0·43	8	?	7·22	?	1·83	13·97	?	Lehal *C*		
...	...	5·12	...	...	...	...	...	2·93	...	9	?	12·87	?	5·12	20·53	?	Gujran *C*		
...	...	0·30	...	...	...	...	0·80	1·90	0·75	9	?	11·34	?	4·24	20·78	?	Barthala *C*		
...	0·80	...	...	...	...	...	0·55	0·75	0·40	12	?	10·00	?	1·90	15·85	?	Dadahur *C*	Nabha State.	
...	0·16	0·32	...	...	...	...	...	0·47	0·48	10	?	4·69	?	1·32	9·28	?	Bundher *C*		
...	...	...	...	...	...	...	...	1·08	0·12	10	7·6	6·65	8·90	2·60	15·00	16·65	Samrala	Ludhiana.	
...	0·71	0·72	...	...	...	...	0·17	0·68	...	14	8·0	12·22	9·01	2·90	18·63	16·63	Ludhiana		
...	...	0·06	...	...	...	...	...	0·96	0·78	11	6·8	13·68	6·28	3·22	21·79	10·94	Jagraon		
...	0·65	...	...	...	0·11	1·10	0·16	...	...	11	8·6	7·87	8·24	3·00	15·61	16·74	Jullundur	Jullundur.	
...	...	...	...	...	...	...	0·78	3·03	...	9	7·8	10·73	8·41	3·03	19·65	15·76	Nakodar		
...	...	0·26	...	...	...	...	0·21	0·78	0·05	11	6·5	10·44	8·25	2·73	18·10	15·04	Phillour		
...	...	...	...	...	...	...	2·90	0·12	...	11	8·3	12·26	8·18	4·40	22·68	16·08	Nawashahr		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Submontane—*concluded.*	Hoshiarpur.	Dasuya ...	1·00	0·20	...	...	...	...	...	0·20	...	0·39	1·82	...	4·25	0·60	...	...	...	...	0·13	0·12	...
		Una ...	0·16	0·07	...	...	...	...	...	...	...	0·61	1·42	0·04	...	0·98	...	...	0·57	...	0·16	0·37	...
		Garhshankar ...	0·10	0·15	...	...	...	...	...	...	...	0·72	1·48	0·02	...	0·28	...	...	0·04	...	0·34	0·35	0·18
		Sadr Station ...	0·26	0·18	...	...	...	...	...	...	0·05	1·08	1·62	...	...	4·07	0·03	...	0·66	0·04	0·10	0·30	0·05
		Hoshiarpur ...	0·24	0·15	...	...	...	...	...	0·05	...	1·00	1·84	...	...	3·60	0·10	...	0·65	...	0·13	0·20	...
	Gurdaspur.	Aliwal *C* ...	1·02	...	...	...	...	...	...	...	...	2·00	6·50	...	0·71	1·20	...	...	0·50	...	0·30	0·40	0·10
		Batala ...	0·85	...	...	...	...	...	...	...	...	1·61	3·61	...	1·28	2·11	...	...	...	...	0·32	...	·03
		Tibri *C* ...	...	0·20	...	...	...	...	...	...	...	0·30	1·85	...	1·25	0·20	...	...	...	...	0·20	...	...
		Gurdaspur ...	0·20	0·04	...	...	...	...	...	0·47	...	0·95	1·96	...	0·61	0·15	...	...	...	...	0·20	0·10	0·43
		Pathankot ...	0· 6	...	0·33	...	...	...	1·31	0·12	0·11	2·19	3·81	...	0·31	...	...	...	0·33	...	0·28	...	0·08
		Dalhousie ...	0·13	0·14	...	...	...	...	...	1·80	3·40	1·90	1·50	R.	0·46	0·13	...	...	0·84	...	0·80	0·10	1·70
		Madhopur *C* ...	0·15	0·10	...	...	...	...	0·40	...	...	0·70	2·55	...	0·55	0·0[illegible]	...	...	0·40	...	0·20	...	...
		Shakargarh ...	0·31	...	...	...	...	...	...	0·84	0·07	0·42	1·19	0·01	0·92	0·13	...	...	0·66	...	0·27	0·29	2·68
	Amritsar.	Buchar *C* ...	1·96	...	...	...	...	...	...	...	...	0·73	0·50	0·40	1·70	0·15	...	...	0·50	0·54	0·84	0·66	...
		Khara *C* ...	0·33	0·20	...	...	...	...	...	...	...	...	0·84	0·64	0·43	...	...	...	0·60	...	·40	...	...
		Tarn Taran ...	0·45	...	...	...	...	...	...	...	...	0·27	0·75	0·13	2·00	0·06	...	...	1·04	0·23	1·00	0·52	...
		Raya *C* ...	1·07	...	...	...	...	...	...	...	...	0·74	3·52	...	0·72	0·60	...	...	0·32	...	0·41	...	...
		Amritsar Jail Hospital.	0·62	...	...	...	...	...	...	0·42	...	0·65	1·50	0·12	1·00	...	...	0·55	0·42	0·44	0·50	...	...
		Amritsar *C* ...	0·50	...	...	...	...	...	...	0·20	...	0·05	1·15	0·15	0·57	0·17	...	0·30	0·60	0·82	0·40	0·50	...
		Buggeh *C* ...	0·85	...	...	...	...	...	...	...	...	0·20	1·37	0·35	1·15	...	...	...	1·40	...	0·70	...	...
		Ajnala ...	0·82	...	...	...	...	...	...	...	...	0·65	2·59	0·05	2·13	0·05	...	0·42	1·15	0·70	0·20	0·37	0·03
Punjab, Hill Division.	Simla.	Kasauli ...	1·00	0·70	...	...	...	0·64	0·64	...	0·45	0·73	2·00	...	0·50	0·13	0·55	...	0·25	0·45	1·50	0·50	0·13
		Barauli ...	1·45	...	...	...	0·10	0·72	0·48	0·10	0·63	1·95	0·52	...	0·18	...	...	0·11	...	0·56	...	0·47	0·21
		Simla ...	1·72	0·40	...	0·01	...	...	0·02	0·35	1·46	1·56	0·94	0·30	0·24	...	...	0·02	...	0·01	0·35	0·08	0·97
		Kot Khai ...	...	...	...	...	0·27	...	...	0·50	0·40	1·00	...	...	...	...	...	...	0·51	0·61	0·99	0·62	0·48
		Kotgarh ...	0·20	...	...	...	...	0·30	...	0·60	1·50	...	1·00	0·50	...	...	...	...	...	1·10	0·15	...	...
		Kilba ...	0·50	...	...	...	...	...	...	...	0·03	0·40	0·21	0·45	...	...	...	...	...	0·20	0·46	...	...
Punjab, North-West.	Kangra.	Plach ...	0·44	0·06	...	...	...	...	...	...	0·60	3·25	0·55	0·15	...	...	...	...	...	...	0·60	...	...
		Kulu ...	0·42	...	...	...	...	...	...	...	0·32	1·58	0·59	...	...	0·22	...	...	...	...	0·61	...	0·05
		Nagar ...	...	...	...	...	...	...	...	...	...	1·00	0·85	...	...	...	...	...	...	0·90	...	...	...
		Palampur ...	0·30	0·05	...	...	...	0·49	0·15	1·50	5·58	7·87	1·15	...	0·05	0·56	0·02	0·10	0·91	...	0·17	0·03	3·70
		Hamirpur ...	0·45	1·90	...	...	...	R.	...	0·63	0·03	2·21	3·07	0·58	...	1·70	...	...	...	...	...	R.	0·62
		Dera ...	0·50	...	...	...	...	...	...	1·43	...	4·81	1·92	...	...	...	...	...	0·83	...	...	...	...
		Kangra ...	...	0·31	...	...	...	...	1·08	0·76	1·65	1·86	1·35	...	0·08	0·03	0·12	...	0·21	...	0·35	...	2·40
		Dharmsala ...	0·46	...	1·61	...	...	0·10	3·42	1·83	3·50	5·39	3·43	...	0·21	...	...	...	1·03	0·02	0·31	0·27	5·00
		Nurpur ...	0·22	...	0·11	...	...	...	2·46	0·37	0·16	1·90	3·18	...	0·31	...	...	0·50	0·44	...	0·46	0·08	0·21
	Gujranwala.	Ramnagar ...	...	...	...	...	...	...	...	0·40	...	...	3·54	...	0·40	...	...	...	0·65	...	...	...	...
		Wazirabad ...	1·28	...	...	...	...	...	0·04	...	0·33	0·45	0·82	...	0·56	...	...	...	0·40	0·06	...	0·03	...
		Gujranwala Sadr Kacheri.	0·49	...	...	...	...	...	...	0·15	...	0·11	3·04	0·11	0·69	...	...	...	0·50	0·12	...	0·07	...
		Shekhupura ...	1·50	...	...	...	...	...	...	...	...	...	1·80	0·50	2·00	...	...	...	0·50	0·30	...	...	...
		Hafizabad ...	1·60	...	...	...	...	...	...	...	...	...	2·50	...	1·15	...	...	...	0·95	0·17	...	...	...
		Khangah Dogran ...	3·58	...	...	...	...	...	...	...	0·14	...	1·09	0·19	2·09	...	...	...	0·69	[illegible]	...	...	...
		Rampur *C* ...	2·10	...	...	...	...	...	...	...	...	...	1·20	...	0·90	...	...	...	...	[illegible]	...	...	...
		Pacca Dalla *C* ...	2·00	...	...	...	...	...	...	...	...	...	1·40	1·90	...	...	...	...	0·30	...	...	...	...
		Firoz *C* ...	2·10	...	...	...	...	...	...	...	...	...	2·20	1·30	1·20	...	...	...	0·35	...	...	...	[illegible]
	Sialkot.	Zafarwal ...	0·57	...	...	...	...	...	0·26	...	...	0·95	1·32	...	1·50	...	...	...	1·32	...	1·00	0·15	[illegible]
		Pasrur ...	0·50	...	...	...	...	...	...	...	...	0·56	2·00	...	2·14	...	...	...	0·67	0·04	0·05	0·14	[illegible]
		Raya ...	1·18	...	0·16	...	...	...	...	...	...	2·32	3·12	...	3·75	...	...	...	0·56	0·06	0·14	...	...
		Daska ...	0·62	...	0·70	...	...	...	...	0·39	...	0·68	3·10	0·19	0·58	...	...	...	0·73	0·29	...	...	...
		Sialkot ...	0·74	...	...	...	...	...	2·34	...	...	1·58	1·22	...	0·46	...	...	...	0·85	...	0·04	0·05	[illegible]

Punjab for the month of July 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st July 1898.	Average rainfall from 1st October up to 31st July.	Station.	District.	Meteorological Division.
...	2·35	2·76	...	...	...	1·46	0·36	2·75	0·19	15	8·3	18·58	10·30	4·25	29·03	20·66	Dasuya	Hoshiarpur.	Punjab, Submontane—*concluded.*
0·70	...	1·75	...	...	...	0·95	...	1·72	0·62	12	9·7	10·12	10·43	1·75	18·50	19·33	Una		
...	...	...	...	...	...	...	0·08	2·17	0·18	10	9·1	6·09	8·46	2·17	17·98	18·59	Garhshankar		
...	...	3·32	...	...	...	0·21	0·15	3·40	0·15	13	10·0	15·67	9·79	4·07	24·18	20·67	**Sadr Station**		
...	...	2·42	...	...	...	0·35	0·42	3·67	0·15	14	?	14·97	?	3·67	23·27	?	Hoshiarpur		
0·40	1·93	0·50	...	...	...	0·70	0·25	1·50	0·35	16	7·7	18·36	7·32	6·50	26·08	15·44	Aliwal *C*	Gurdaspur.	
...	1·32	1·02	...	...	...	1·14	...	2·05	...	11	7·6	17·34	8·97	3·61	24·73	18·49	Batala		
0·10	0·35	1·50	...	...	...	1·10	0·20	0·15	...	12	8·6	7·40	9·05	1·85	18·25	18·73	Tibri *C*		
0·10	0·84	0·87	...	...	...	3·40	0·06	0·34	0·16	15	8·6	10·88	9·52	3·40	24·65	19·28	**Gurdaspur**		
...	4·89	1·08	...	...	...	0·36	0·22	0·28	...	15	10·6	15·97	15·17	4·89	27·40	28·09	Pathankot		
1·16	2·10	1·46	...	...	...	0·50	0·13	0·67	0·16	19	18·8	19·08	23·88	3·40	41·13	49·26	Dalhousie		
0·20	6·85	2·50	...	...	...	0·35	0·30	0·50	0·05	14	12·5	15·85	13·53	6·85	26·40	29·49	Madhopur *C*		
0·06	1·00	0·61	...	...	...	1·89	0·05	1·30	0·17	15	9·7	12·93	11·67	2·68	24·67	23·17	Shakargarh		
1·00	...	...	...	...	...	...	0·75	0·50	2·30	14	6·3	12·53	5·92	2·30	20·75	13·69	Buchar *C*	Amritsar.	
...	...	...	...	...	...	1·60	...	1·40	...	9	5·5	8·44	4·60	2·40	13·92	9·65	Khara *C*		
...	...	0·06	...	...	...	1·77	0·20	2·92	0·52	13	6·5	11·92	7·54	2·92	18·72	14·39	Tarn Taran		
...	...	0·40	...	...	...	2·32	0·34	0·75	0·32	12	5·9	11·51	7·15	3·52	17·11	15·06	Raya *C*		
...	...	0·90	...	...	...	3·60	...	0·77	1·00	14	7·2	12·49	6·93	3·60	21·34	15·34	**Amritsar Jail Hospital.**		
...	...	0·23	...	...	...	1·85	0·13	0·80	0·90	16	?	9·32	?	1·85	18·47	?	**Amritsar** *C*		
...	...	0·40	...	...	...	2·40	0·40	2·20	1·30	12	6·0	12·72	6·60	2·40	23·42	14·65	Buggeh *C*		
...	0·41	2·66	...	...	...	1·23	...	0·85	...	13	5·5	14·31	5·72	2·66	22·26	11·29	Ajnala		
0·55	0·10	0·30	0·18	...	...	0·30	...	...	0·45	21	16·8	12·05	16·43	2·00	24·15	33·92	Kasauli	Simla.	Punjab, Hill Division.
...	0·10	...	...	...	...	...	...	0·28	0·25	16	16·8	7·11	13·79	1·95	24·45	30·51	Barauli		
0·11	**0·75**	**0·44**	**0·74**	**0·12**	**0·01**	**0·30**	**0·03**	...	**0·51**	**17**	**19·3**	**10·44**	**17·59**	**1·56**	**28·39**	**40·79**	**Simla**		
...	...	...	0·69	...	0·27	...	...	0·35	0·65	13	14·5	7·34	12·34	1·00	21·68	25·43	Kot Khai		
0·45	1·25	...	...	0·30	0·50	...	...	0·30	0·35	14	14·7	8·50	12·60	1·50	23·22	39·59	Kotgarh		
...	0·37	0·29	0·31	0·09	0·04	0·07	...	...	0·22	10	9·6	3·64	4·58	0·50	12·65	25·89	Kilba		
...	0·86	1·39	...	0·50	0·04	0·11	0·13	...	0·32	12	12·4	9·00	10·32	3·25	23·24	29·97	Plach	Kangra.	Punjab, North-West.
...	1·23	1·30	...	0·42	...	...	...	...	0·51	10	9·9	7·25	8·44	1·58	22·61	34·31	Kulu		
...	1·10	1·16	0·60	...	0·45	...	...	...	...	7	11·8	6·00	6·86	1·16	20·89	27·84	Nagar		
0·28	9·15	0·90	...	0·89	1·10	3·68	0·21	0·42	0·34	21	21·4	39·60	32·73	9·15	60·00	61·57	Palampur		
...	0·75	0·52	...	...	...	...	0·56	0·82	...	12	15·1	13·84	14·38	3·07	27·01	28·58	Hamirpur		
...	1·50	1·15	...	...	...	0·24	0·70	0·40	0·22	11	11·9	13·70	17·06	4·81	25·30	32·07	Dera		
0·07	4·07	0·18	...	...	1·70	...	1·65	...	...	14	16·7	17·87	23·36	4·07	33·72	40·92	Kangra		
0·85	**10·10**	**3·50**	...	**0·10**	**0·37**	**4·53**	**0·35**	**0·39**	**0·03**	**21**	**22·4**	**46·80**	**40·10**	**10·10**	**73·61**	**69·95**	**Dharmsala**		
...	2·79	0·14	...	...	...	1·70	0·34	0·20	0·85	18	13·8	16·42	19·55	3·18	30·62	38·30	Nurpur		
...	...	0·58	...	0·56	...	0·73	0·92	...	...	8	4·6	7·78	5·52	3·54	13·62	11·35	Ramnagar	Gujranwala.	
...	0·23	...	...	...	...	0·33	0·27	1·15	0·07	10	6·0	6·02	5·46	1·28	13·89	13·17	Wazirabad		
...	**0·09**	...	...	...	...	**2·92**	**0·04**	**1·35**	...	**10**	**6·8**	**9·68**	**6·68**	**3·04**	**16·97**	**14·87**	**Gujranwala Sadr Kacheri.**		
0·50	...	...	...	...	...	0·90	...	...	0·90	9	3·2	8·90	3·16	2·00	15·59	7·38	Shekhupura		
...	...	...	0·55	0·15	...	...	...	...	0·28	8	5·9	7·35	4·94	2·50	18·21	11·92	Hafizabad		
0·06	...	...	...	...	...	2·60	...	...	...	8	?	10·61	?	3·58	19·82	?	Khangah Dogran		
...	...	...	...	...	...	...	...	...	0·50	4	?	4·70	?	2·10	12·10	?	Rampur *C*		
...	...	...	...	...	...	...	...	1·00	...	5	?	6·60	?	2·00	12·25	?	Pacca Dalla *C*		
...	...	...	...	...	0·20	0·15	...	0·50	...	9	?	8·20	?	2·20	13·51	?	Firoz *C*		
0·19	3·80	0·10	...	...	...	0·44	...	...	0·10	14	9·1	15·86	9·24	4·16	25·70	19·39	Zafarwal	Sialkot.	
0·33	1·73	0·62	...	...	...	0·43	...	0·27	0·10	13	7·8	11·14	8·93	2·14	19·12	19·48	Pasrur		
...	...	1·98	...	...	1·36	...	...	...	0·23	10	6·1	14·86	5·73	3·75	23·21	13·15	Raya		
...	1·01	...	...	...	...	0·58	...	0·65	...	12	6·3	9·52	7·10	3·10	18·65	15·82	Daska		
0·08	**1·10**	**0·56**	...	...	...	**2·25**	...	...	**0·08**	**10**	**9·1**	**12·56**	**10·13**	**2·34**	**21·19**	**21·83**	**Sialkot**		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, North-West—*concluded.*	Gujrat.	Sadr (Gujrat) ...	0·70	...	...	...	...	...	0·18	0·62	0·10	0·90	1·00	...	0·27	0·12	...	...	0·50	0·24	...	...	[illegible]
		Kharian ...	0·90	...	...	...	...	...	0·30	0·17	0·23	0·56	0·33	...	0·58	0·38	...	...	1·80	...	...	...	...
		Phalia ...	1·66	...	...	...	...	...	...	...	...	...	1·03	...	0·35	...	...	...	0·88	0·05	...	0·08	...
	Jhelum.	Pind Dadan Khan...	1·75	...	...	...	...	...	...	...	...	...	1·75	...	1·27	...	...	...	0·54	...	...	...	...
		Sadr Station (Jhelum)	1·10	...	...	...	...	...	...	...	0·03	0·73	0·33	...	0·47	...	...	...	0·81	...	...	0·20	...
		Chakwal ...	0·85	...	0·35	...	...	...	...	0·18	...	0·21	0·49	0·16	1·13	...	...	...	...	...	0·16	...	...
		Talagang ...	1·36	...	1·05	...	...	...	...	0·42	...	...	2·01	0·80	0·72	...	...	...	0·87	...	...	0·31	...
	Rawalpindi.	Pindigheb ...	0·19	...	0·42	...	...	...	...	...	...	...	0·45	0·64	...	...	...	...	...	...	0·54	...	...
		Fatahjang ...	0·29	...	...	...	...	...	...	...	...	...	...	1·85	...	0·42	...	...	0·40	...	...	0·50	...
		Attock ...	0·22	...	...	...	...	...	...	...	...	...	...	2·75	...	...	...	...	0·52	0·33	...	...	...
		Rawalpindi ...	0·70	...	...	...	0·30	...	...	...	...	0·73	...	0·23	1·34	...	...	...	0·78	...	...	...	...
		Gujar Khan ...	...	...	...	...	...	...	...	0·34	1·70	0·12	...	1·10	...	...	...	1·54	...	...	0·22	...	...
		Kahuta ...	0·20	...	...	...	...	...	...	...	1·04	2·61	1·03	...	2·21	...	...	...	0·50	...	...	...	...
		Murree ...	0·32	0·08	0·33	...	0·54	...	...	0·21	2·40	2·85	0·53	1·40	1·54	...	0·11	...	0·27	0·09	...	0·63	[illegible]
	Peshawar.	Swabi ...	0·02	...	...	...	0·25	...	...	...	...	...	...	2·06	0·05	...	...	...	...	...	...	...	...
		Lahor (Utman Bolak)	...	...	...	0·18	...	...	...	...	...	...	0·09	3·83	1·25	...	...	...	...	...	1·12	...	...
		Nowshera ...	0·27	0·07	...	...	0·12	...	...	...	...	...	...	2·60	...	...	...	...	...	...	...	...	...
		Mardan ...	...	...	...	...	...	...	...	...	...	0·60	1·34	0·15	...	...	...	...	...	...	...	...	...
		Katlang ...	...	...	...	...	...	...	...	...	...	...	...	0·90	...	...	...	...	...	...	...	...	...
		Charsadda ...	...	...	...	...	...	...	...	...	...	...	...	1·56	...	...	...	...	...	...	...	...	...
		Nabakki ...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	...	...	...	...	...
		Peshawar ...	R.	0·61	D.R.	...	...	...	...	...	...	...	D.R.	2·03	...	...	...	...	...	...	...	...	...
		Abazai *C* ...	...	...	...	...	0·05	...	...	...	...	...	...	1·15	0·10	...	...	...	...	...	...	...	...
		Khan Mahi *C* ...	...	...	...	...	...	...	...	...	...	...	0·10	1·00	0·10	...	...	...	...	...	...	...	...
		Para Chinar (Kurram)	...	0·91	...	...	...	...	...	0·10	...	...	...	1·01	1·42	0·54	0·03	...	...	...	0·03	...	[illegible]
	Hazara.	Abbott-abad ...	1·23	0·32	0·72	...	...	...	...	...	0·98	0·49	0·51	1·70	0·41	0·07	...	...	...	0·12	...	...	...
		Mansahra ...	0·66	0·98	0·16	...	...	...	...	...	...	1·36	0·30	1·24	1·31	...	0·53	...	...	...	...	...	...
		Haripur ...	...	...	...	...	0·19	...	...	...	...	0·24	0·20	2·09	0·43	...	...	...	...	...	...	...	...
	Kohat.	Kohat ...	0·25	...	0·32	...	...	...	...	...	...	...	0·12	1·36	...	...	...	...	...	...	...	...	...
		Hangu ...	0·25	...	0·33	...	0·11	...	...	...	...	...	0·20	2·15	...	0·11	...	0·19	0·21	0·95	...	...	...
		Thal ...	7·32	...	1·22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banda Daud Shah...	0·87	...	1·55	...	...	...	...	...	...	...	0·30	1·93	1·43	...	...	...	...	0·09	...	...	...
		Khushalgarh ...	...	...	0·69	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fort Lockhart ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...
Punjab, West.	Bannu.	Mianwali ...	3·05	...	1·00	...	...	...	...	...	...	...	2·50	1·50	...	...	...	...	...	...	...	...	...
		Isa Khel ...	0·88	...	0·82	...	...	...	...	...	...	0·22	1·07	0·68	...	...	...	...	...	...	...	...	...
		Bannu ...	1·80	0·22	0·43	...	...	...	...	...	...	...	0·17	1·21	...	...	...	0·03	...	0·45	...	...	...
		Marwat ...	1·71	...	0·08	...	...	...	...	...	...	...	1·04	2·24	...	...	...	...	...	...	...	...	...

***Punjab for the month of July* 1898—continued.**

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st July 1898.	Average rainfall from 1st October up to 31st July.	Station.	District.	Meteorological Division.
...	0·80	0·52	...	...	...	0·90	...	1·30	0·12	16	7·1	8·84	6·66	1·30	16·42	17·38	**Sadr (Gujrat)**	Gujrat.	Punjab, North-West—*concluded.*
...	...	0·30	0·26	...	...	1·48	...	2·54	...	13	8·4	9·83	7·12	2·54	17·29	17·58	Kharian		
...	...	...	0·80	0·09	0·30	...	...	0·73	...	7	5·5	5·97	4·90	1·66	11·69	12·47	Phalia		
...	...	...	...	1·13	0·18	...	...	0·26	...	7	4·5	6·88	3·78	1·75	14·28	10·29	Pind Dadan Khan	Jhelum.	
...	...	0·37	0·43	...	...	2 68	...	2 01	...	10	7·8	9·16	5·61	2·68	17·87	15·11	**Sadr Station (Jhelum)**		
...	...	...	...	0·90	...	...	...	0·66	...	10	5·4	5·09	3·47	1·13	12·54	10·22	Chakwal		
...	...	...	...	1·95	0·31	...	...	0·78	...	11	5·1	10·58	3·82	2·01	17·94	12·25	Talagang		
...	...	...	0·17	0·74	...	...	...	0·64	...	8	5·0	3·79	4·00	0·74	11·51	12·19	Pindigheb	Rawalpindi.	
...	...	1·10	...	1·20	...	...	...	1·15	...	8	5·4	6·91	3·00	1·85	15·14	12·21	Fatahjang		
...	...	3·91	...	0·84	...	0·16	0·93	...	0·51	9	4·6	10·17	3·77	3·91	17·96	12·30	Attock		
...	0·28	0·15	0·32	...	...	0·58	...	3·00	...	11	8·7	8·41	7·19	3·00	16·47	21·31	**Rawalpindi**		
0·90	..	1·24	...	..	0·59	...	3·48	...	...	10	7·3	11·23	6·89	3·48	20·42	17·72	Gujar Khan		
...	1·97	0·80	0·72	0·24	.	1·17	...	0·68	...	12	9·1	13·17	11·35	2·61	23·62	22·54	Kahuta		
0·04	1·48	0·36	0·93	0·30	0·20	0·63	0·03	1·30	...	20	11·8	16·70	11·43	2·85	36·26	31·52	Murree		
...	0·06	4·14	...	1·40	...	0·41	...	1·85	...	6	2·5	10·24	2·50	4·14	19·63	11·07	Swabi	Peshawar.	
...	...	4·00	...	0·70	...	...	...	0·70	...	7	2·6	11·87	3·06	4·00	18·11	11·14	Lahor (Utman Bolak)		
...	...	1·10	...	...	...	...	...	...	...	4	2·4	4·16	2·41	2·60	11·51	10·88	Nowshera		
0·11	1·03	...	0·33	...	...	...	...	...	0·67	7	2·9	4·23	2·58	1·34	12·80	11·46	Mardan		
...	...	4·00	...	1·75	...	...	...	...	...	3	2·1	6·65	2·73	4·00	10·64	9·97	Katlang		
...	...	0·96	0·15	...	0·04	...	...	0·27	...	4	1·4	2·98	1·38	1·56	10·28	7·80	Charsadda.		
...	...	0·32	...	...	...	...	...	...	...	2	1·1	0·52	1·33	0·32	6·89	9·66	Nabakki		
...	...	...	...	...	1·63	...	...	...	...	3	2·0	4·27	1·30	2·03	11·52	9·44	**Peshawar**		
...	...	2·00	0·45	0·25	...	...	...	...	...	5	?	4·00	?	2·00	10·35	?	Abazai *C*		
...	...	0·80	...	1·80	...	...	...	...	0·10	6	?	3·90	?	1·80	7·60	?	Khan Mahi *C*		
...	...	0·36	0·31	...	0·35	...	0·56	0·25	0·20	12	?	6·42	?	1·42	21·29	?	Para Chinar (Kurram)		
...	0·51	...	0·47	...	0·77	...	...	1·52	..	13	10·6	9·82	8·06	1·70	33·11	31·68	**Abbott-abad**	Hazara.	
...	0·18	0·08	0·39	...	1·13	...	...	...	1·23	12	8·5	8·55	5·78	1·36	27·76	27·05	Mansahra		
...	2·27	1·57	0·39	0·53	...	0·41	...	0·74	...	11	6·4	9·06	5·58	2·27	20·55	21·51	Haripur		
...	...	0·13	...	...	...	...	...	...	...	5	5·0	2·28	3·63	1·36	10·69	13·91	**Kohat**	Kohat.	
0·22	...	0·97	1·45	...	...	...	...	...	...	12	?	7·14	?	2·15	19·91	?	Hangu		
...	...	...	...	...	...	...	...	...	...	2	?	8·54	?	7·32	18·19	?	Thal		
...	...	2·30	9	...	...	...	...	...	0·06	7	?	8·72	?	2·30	17·54	?	Banda Daud Shah		
...	...	...	...	...	...	...	...	...	...	1	?	0·69	?	0·69	3·75	?	Khushalgarh		
2·25	...	0·50	...	...	...	0·30	...	0·10	0·46	5	?	3·61	?	2·25	3·61	?	Fort Lockhart.		
...	...	...	...	...	...	...	...	...	...	4	3·0	8·05	2·36	3·05	14·99	7·17	Mianwali	Bannu.	Punjab, West.
...	...	...	0·06	...	...	...	..	...	0·73	6	2·1	4·46	1·03	1·07	10·47	6·03	Isa Khel		
...	...	0·34	...	...	...	...	...	...	2 08	8	3·4	6·73	2·14	2·08	12·16	8·04	**Bannu**		
2·21	...	2·32	...	...	...	...	...	...	0·75	6	2·8	8·35	2·21	2·32	14·12	7·77	Marwat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, West *concluded.*	Shahpur.	Midh ...	4·00	...	...	...	...	...	...	...	...	4·50	0·50	3·00	...	...	...	...	...	...	...	...	...
		Sahiwal ...	...	...	...	...	...	...	...	...	...	1·63	...	1·65	...	...	...	...	...	...	...	0·18	...
		Nurpur ...	...	...	...	...	...	...	...	...	...	0·50	2·50	2·15	...	...	...	...	...	...	...	...	...
		Mitha Tiwana ...	1·00	0·50	...	...	...	...	...	...	...	...	2·25	2·00	...	...	...	...	...	...	...	...	...
		Sakesar ...	4·30	0·61	...	...	...	...	...	...	...	2·60	4·50	0·95	...	...	...	...	...	...	0·63	...	...
		Naushahra ...	...	0·54	...	...	...	...	...	...	...	0·71	3·60	...	...	...	...	...	...	...	...	...	...
		Khushab ...	2·05	...	0·23	...	...	...	...	...	...	...	1·50	1·52	0·53	...	...	...	...	...	...	0·17	...
		Shahpur ...	1·75	...	...	...	...	...	...	...	...	...	1·95	2·25	...	...	...	...	...	...	...	...	...
		Bhera ...	...	...	...	...	...	...	...	...	...	0·77	...	1·46	...	...	...	...	0·51	...	...	...	...
		Miani ...	...	...	...	...	...	...	...	...	...	...	1·30	1·12	...	...	...	...	0·41	...	...	...	...
	Jhang.	Shorkot ...	...	0·20	...	...	...	...	...	...	...	...	0·05	0·76	3·85	...	...	...	...	...	...	0·59	...
		Jhang ...	0·01	0·25	...	...	...	...	...	...	...	...	0·54	1·00	0·45	...	...	...	...	...	...	...	...
		Chiniot ...	0·75	0·64	...	...	...	...	...	...	...	...	2·43	...	1·35	...	...	...	...	...	...	...	...
		Lyallpur ...	0·37	0·51	...	...	...	...	...	...	...	...	2·77	...	2·69	...	...	...	...	...	...	...	...
		Badwali *C* ...	1·00	...	...	...	...	...	...	...	...	0·20	1·00	1·60	...	...	...	...	0·30	...	...	...	...
		Tarkhani *C* ...	...	2·00	...	...	...	...	...	...	...	...	...	0·30	1·40	...	...	...	...	...	...	...	...
		Muridwala *C* ...	...	...	0·90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khewra *C* ...	2·00	...	...	...	...	...	...	...	...	0·10	0·10	0·80	...	...	...	...	...	...	...	...	...
		Laklani *C* ...	0·20	0·30	...	...	...	...	...	...	...	0·10	0·30	0·50	...	...	...	...	...	...	...	...	...
		Lyallpur *C* ...	...	0·80	...	...	...	...	...	...	...	0·70	2·20	2·30	...	...	...	...	...	...	...	...	...
	D. I. Khan.	Tank ...	...	0·09	...	...	...	...	...	0·11	...	...	0·04	...	...	...	...	0·06	...	...	...	...	...
		Kulachi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	1·02	...	...	...
		Dera Ismail Khan ...	...	0·06	...	...	...	...	...	...	...	0·01	0·13	0·24	...	...	...	...	0·05	...	...	...	...
		Bhakkar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Leiah ...	...	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·85	...	1·03
		Shekh Budin ...	...	...	...	...	0·30	...	...	...	...	...	2·15	1·74	...	...	...	...	...	...	0·90	...	...
	D. G. Khan.	Sanghar ...	...	0·11	...	...	...	...	...	...	...	...	4·62	0·08	...	...	...	...	...	...	...	...	0·01
		Dera Ghazi Khan ...	...	0·15	...	...	...	...	...	...	...	0·11	0·24	...	...	...	...	...	...	...	0·10	0·13	...
		Fort Munro ...	0·39	0·17	0·34	...	...	...	...	...	0·16	...	...	...	...	0·37	0·21	...	...	0·59	...	...	...
		Jampur ...	0·13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...	...
		Rajanpur ...	...	...	...	...	...	...	...	...	...	...	...	1·06	...	...	...	...	...	...	0·70	...	...
	...garh.	Alipur ...	...	0·63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muzaffargarh ...	...	0·32	...	...	...	...	...	...	...	...	0·06	...	0·31	...	...	...	...	...	0·70	...	...
		Sinanwan ...	0·20	...	...	...	...	...	...	...	...	...	2·41	...	...	...	...	...	...	...	...	...	...
	Mool.	Mailsi ...	...	...	...	...	...	...	...	...	...	...	...	0·11	...	...	...	...	...	0·19	0·04	...	...
		Lodhran ...	0·21	...	...	...	...	...	...	...	...	...	...	0·20	...	...	0·03	...	...	...	...	...	...
		Shujabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mooltan ...	...	0 20	...	...	...	...	...	...	...	...	0·04	0·10	...	...	...	...	...	...	...	...	...
		Kabirwala ...	...	1·60	...	...	...	...	...	...	...	...	...	0·61	1·30	...	...	...	0·17	...	...	...	...

Memo. of Errors.

For January 1898.

In Peshawar against Parachinar in column 40 *read* 1·59 *for* 1·69.

For February 1898.

In Peshawar against Parachinar in column 40 *read* 3·53 *for* 3·63.

For March 1898.

In Peshawar against Parachinar in column 40 *read* 9·47 *for* 9·57.

For April 1898.

In Peshawar against Parachinar in column 40 *read* 10·85 *for* 10·95.

For May 1898.

In Peshawar against Parachinar in column 40 *read* 13·29 *for* 13·39.

NOTE—R denotes
D do.
T do.
H do.
S do.

Punjab for the month of July 1898—concluded.

25 22nd.	26 23rd.	27 24th.	28 25th.	29 26th.	30 27th.	31 28th.	32 29th.	33 30th.	34 31st.	35 Number of rainy days.	36 Average number of rainy days.	37 Total rainfall for the month.	38 Average rainfall for the month.	39 Heaviest rainfall during the month.	40 Total rainfall from 1st October 1897 up to 31st July 1898.	41 Average rainfall from 1st October up to 31st July.	3 Station.	2 District.	1 Meteorological Division.
...	...	...	...	...	...	...	...	...	1·42	5	3·3	13·42	3·92	4·50	17·82	9·46	Midh	Shahpur.	Punjab, West—*concluded.*
...	0·17	...	...	...	...	...	...	...	...	4	3·7	3·63	3·57	1·65	10·14	9·28	Sahiwal		
...	...	...	...	...	...	...	...	...	...	3	2·3	5·15	1·43	2·50	9·47	4·73	Nurpur		
...	...	...	...	...	...	...	...	...	...	4	2·3	5·75	2·16	2·25	8·50	6·76	Mitha Tiwana		
...	...	...	...	...	...	0·87	...	...	...	7	4·0	14·46	3·57	4·50	25·43	5·94	Sakesar		
...	...	...	...	...	...	...	...	...	0·68	4	4·3	5·53	4·21	3·60	16·05	11·56	Naushahra		
...	...	...	...	...	...	...	...	...	...	6	3·2	6·00	2·91	2·05	14·54	7·03	Khushab		
...	...	...	...	...	...	...	...	...	...	3	4·0	5·95	3·56	2·25	13·55	10·04	**Shahpur**		
...	...	...	...	...	...	...	...	...	1·49	4	4·2	4·23	4·07	1·49	12·69	10·04	Bhera		
...	...	...	...	...	...	...	...	...	1·85	4	4·0	4·68	3·72	1·85	10·88	10·36	Miani		
...	...	...	...	...	...	...	...	...	...	4	3·4	5·45	2·31	3·85	7·87	5·49	Shorkot	Jhang.	
...	...	...	...	...	...	...	...	...	...	4	4·0	2·25	3·04	1·00	5·36	6·32	**Jhang**		
...	...	...	...	0·39	...	...	...	...	0·11	6	4·1	5·67	3·74	2·43	12·22	7·82	Chiniot		
...	...	...	...	...	...	...	...	...	0·40	5	?	6·74	?	2·77	11·84	?	Lyallpur		
...	...	...	...	0·20	...	...	0·30	0·60	...	8	?	5·20	?	1·60	9·20	?	Badwali *C*		
...	...	...	...	...	...	...	...	...	...	3	?	3·70	?	2·00	7·06	?	Tarkhani *C*		
...	...	...	...	...	...	...	...	...	...	1	?	0·90	?	0·90	5·19	?	Muridwala *C*		
...	...	...	...	...	...	...	...	0·10	...	5	?	3·10	?	2·00	5·95	?	Khewra *C*		
...	...	...	...	...	...	...	...	...	...	5	?	1·40	?	0·50	4·25	?	Laklani *C*		
...	...	...	...	...	...	...	...	0·20	...	5	?	6·20	?	2·30	12·30	?	Lyallpur *C*		
...	...	...	...	...	...	...	...	...	0·04	1	2·5	0·34	3·08	0·11	3·62	5·74	Tank	D. I. Khan.	
...	...	0·44	...	...	0·90	...	...	...	...	3	2·7	2·42	1·97	1·02	5·82	5·26	Kulachi		
...	...	...	...	...	...	...	...	...	...	2	2·5	0·49	2·00	0·24	5·92	6·02	**Dera Ismail Khan**		
...	...	0·40	...	...	...	...	...	...	...	1	3·1	0·40	2·25	0·40	2·86	5·13	Bhakkar		
...	...	1·19	...	...	...	...	...	...	...	4	2·6	3·17	2·15	1·19	5·27	4·88	Leiah		
...	...	1·00	...	...	...	...	...	...	0·50	6	?	6·59	?	2·15	13·46	?	Shekh Budin		
...	...	2·12	...	...	...	...	...	...	0·40	4	2·3	7·34	1·73	4·62	9·29	5·16	Sanghar	D. G. Khan.	
...	1·68	...	...	...	...	...	...	...	...	6	2·4	2·41	2·40	1·68	4·31	6·12	**Dera Ghazi Khan**		
...	0·14	...	...	...	...	0·20	...	...	...	9	7·2	2·57	3·52	0·59	5·87	5·75	Fort Munro		
...	...	...	...	...	...	...	...	...	...	2	1·0	0·43	1·28	0·30	2·08	3·31	Jampur		
...	...	R.	...	...	...	...	0·05	...	...	2	1·2	1·81	0·85	1·06	2·87	2·22	Rajanpur		
...	...	...	...	...	...	...	...	...	...	1	1·8	0·63	3·63	0·63	2·77	5·54	Alipur	Muzaffargarh.	
...	...	...	0·74	...	...	...	...	...	...	4	1·8	2·13	1·32	0·74	3·99	3·37	**Muzaffargarh**		
...	...	0·74	...	...	...	...	...	...	0·21	4	2·2	3·56	1·98	2·41	5·01	4·57	Sinanwan		
...	...	...	...	...	...	1·30	...	...	...	3	2·4	1·64	1·11	1·30	4·24	2·76	Mailsi	Mooltan.	
...	...	...	...	...	...	...	0·09	...	...	2	2·0	0·53	1·41	0·21	3·44	3·04	Lodhran		
0·08	...	...	...	...	...	...	...	...	...	0	2·1	0·08	1·21	0·08	2·17	2·84	Shujabad		
0·85	...	...	...	...	...	...	0·29	...	...	4	2·5	1·48	2·10	0·85	3·58	4·12	**Mooltan**		
...	...	...	...	...	...	...	0·45	...	...	5	2·3	4·13	1·83	1·60	6·03	4·07	Kabirwala		

slight rain.
dust storm.
thunder.
hail.
snowfall.

MEMO. OF ERRORS—*concluded.*

For June 1898.

In Peshawar against Parachinar in column 40 *read* 14·87 *for* 14·07.

In Ferozepore against Gobindgarh in columns 37, 39 and 40 *read* 0·60, 0·60 and 2·20 *for* 0·20, 0·20 and 1·80 respectively.

For April 1898.

Against Leiah (Dera Ismail Khan) in column 40 *read* 1·72 *for* 1·70.

For May 1898.

Against Leiah (Dera Ismail Khan) in column 40 *read* 1·75 *for* 1·73.

In Gurdaspur against Dalhousie in column 40 *read* 17·84 *for* 17·48.

For June 1898.

Against Leiah (Dera Ismail Khan) in column 40 *read* 2·10 *for* 2·08.

Against Dalhousie (Gurdaspur District) in column 40 *read* 22·05 *for* 21·69.

P. D. SHROFF, *Supdt.,*

Office of Director of Lands Records and Agriculture, Punjab.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE MONTGOMERY DISTRICT DURING THE FORTNIGHT ENDING 31ST JULY 1898, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO PUNJAB GAZETTE DATED 11TH AUGUST 1898.

1	2			3			4			5			6			7			8			9			10		
	QUANTITIES PER RUPEE BY THE ORDINARY SEER OF $82\frac{6}{7}$ TOLAS.																										
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*			*Jowár or Cholum (Sorghum vulgare).*			*Bájra or Cumbu (Pennisetum Typhoideum).*			*Mundwa, Marua or Kagi (Eleusine Corocana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sonaga (Cicer Arietinum).*		
DISTRICT.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Montgomery ...	17	17	11	23	‡	‡	...	...	...	10	10	6	‡	‡	§	§	§	†	§	§	§	§	§	†	22	22	11

1	11			12			13			14						15			16			17
	QUANTITIES PER RUPEE BY THE ORDINARY SEER OF $82\frac{6}{7}$ TOLAS.																					
	Maize (Zea Mays).			*Arhur or Thur, Cadjan Pea (Cajanus Indicus).*			*Firewood.*			*Salt.*						*Gur.*			*Cotton (unginned).*			
										Present fortnight ending 31st July 1898.		Past fortnight ending 15th July 1898.		Corresponding fortnight of 1897.								
DISTRICT.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st July 1898.	Past fortnight ending 15th July 1898.	Corresponding fortnight of 1897.	REMARKS.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C	Srs. C.	Srs. C	Srs. C.	Srs. C.	Srs. C.	
Montgomery ...	§	§	‡	§	§	6	250	250	310	12 12	12 8	12 12	12 8	12 12	12 0	8 0	8 12	8 8	10 0	10 0	‡	

† Not produced.
‡ Not sold.
§ Not procurable.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 6th August 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	(a) 17,157	(a) 13,952 4 0	76,599 10	7,318 14 0	58 0 0	21,329 2 0	7,040	2,848	9,888
Or per mile of Railway	...	86 0 0	...	45 1 9	0 5 9	131 7 6	...	...	...
For previous 4 4/7 weeks of half year	78,040	64,648 12 0	269,240 20	32,989 14 0	268 0 0	97,906 10 0	30,383	11,894	42,277
Total for 5 4/7 weeks ...	95,197	78,601 0 0	345,839 30	40,308 12 0	326 0 0	1,19,235 12 0	37,423	14,742	52,165
COMPARISON.									
Total for corresponding week of previous year ...	20,826½	26,783 11 2	63,151 30	14,836 10 0	82 10 6	41,702 15 8	9,337	3,912	13,249
Per mile of Railway corresponding week of previous year.	...	165 1 5	...	91 7 2	0 8 2	257 0 9	...	...	...
Total for corresponding 5 4/7 weeks of previous year ...	91,583	85,981 15 5	381,084 20	56,056 8 0	390 5 0	1,42,428 12 5	40,631	17,235	57,866

(a) The decrease is due to running of several troop and mule special trains and to the despatch of Commissariat stores to the frontier in the corresponding period of 1897.

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 11th August 1898.

T. BASHFORD,
Acting Chief Auditor.

PUBLIC WORKS DEPARTMENT,

Irrigation Operations of Fast Kharif

	Canals.	Water distributed during July 1898. — *Depth in Canal at regulating gauge.* Full supply.	Actual throughout.	*Gross consumption, cubic feet per second.* Designed full supply.	Actual average throughout.
	1	2	3	4	5
	MAJOR IRRIGATION WORKS.				
	Swat River Canal	6·00	5·00	700	578
	Total ...	...	...	700	578
Western Jumna Canal.	At Dádupur	7·00	5·20	6,178	3,907
	Main Line, Major Distributaries	...	...	500	314
	Sirsa Branch	...	3·40	1,800	698
	Delhi Branch	...	5·50	1,850	1,109
	Hánsi Branch	...	5·90	2,150	1,367
	Loss in Main Line	...	...	...	366
	Total utilized ...	...	..	...	3,854
	Escapage (including Canal Tail)	...	...	...	8
	Total ...	...	...	6,178	3,862
Bari Doab Canal.	Main Canal (Head Gauge, Rapid No. 2)	3·63	3·37	3,555	3,267
	Salampur Feeder	4·00	3·23	1,445	1,029
	Total entering Canal ...	...	...	5,000	4,296
	Kasúr Branch Lower at Tarsika	5·40	4·33	538	438
	Sobraon Branch at Gagarbhana	4·95	3·01	437	368
	Main Line and Main Branch Upper Distributaries ...	...	...	...	512
	Main Branch Lower	4·58	2·08	2,245	1,527
	Lahore Branch	2·69	2·76	920	948
	Absorption in Main Line and Kasúr Branch Upper ...	...	...	...	343
	Total utilized ...	...	...	...	4,136
	Escapage	...	...	...	160
	Total ...	...	...	5,000	4,296
Sirhind Canal.	Main Line	9·43	6·32	6,000	3,561
	Abohar Branch	5·96	4·85	2,052	1,242
	Bhatinda Branch	5·97	3·96	1,788	682
	Feeders	9·30	6·63	2,160	1,219
	Loss in Main Line	...	...	...	200
	Total utilized ...	...	...	...	3,343
	British Escapes	...	...	...	218
	Total ...	...	...	6,000	3,561
	Carried over ...	...	...	...	...

PUNJAB, IRRIGATION BRANCH.

of 1898 *up to* 31*st July* 1898.

LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				REMARKS.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* July 1898.	Area irrigated *to end of* July 1898.	Area irrigated *to end of* July 1897.	
6	7	8	9	10	11	12	13	14	15
Peshâwar ...	14,396	12	2·81	4·44	Sugarcane ...	...	1,829	1,904	Canal ran for 23 days.
					Rice ...	...	328	310	
					Cotton ...	527	3,723	2,833	
					Indigo ...	...	...	...	
					Maize ...	4,566	4,570	7,692	
					Jowár and chari.	346	438	550	
					Miscellaneous	979	3,508	8,012	
...	14,396	...	...	...	...	6,418	14,396	21,301	
Umballa ...	1,559		8·39	8·40	Sugarcane ...	−727	81,703	72,514	Canal closed for 2 or 3 days Rains ample and demand very slight.
Karnál ...	46,032		3·31	7·13	Rice ...	16,543	20.076	26,264	
Rohtak ...	49,785		4·94	6·16	Cotton ...	5,424	62,367	131,058	
Delhi ...	29,550	20	6·01	3·45	Indigo ...	901	7,727	33,569	
Hissar ...	50,69		2·33	5·97	Maize ...	109	248	858	
Jínd ...	13,696		5·11	7·82	Jowár and chari.	934	2,136	28,737	
Bikanir ...	5	...	...	...					
Kalsia ...	721	...	...	...	Miscellaneous	6,048	30,380	76,923	
Patiála ...	12,546	6	6·44	11·13					
...	204,637	...	...	...	...	29,232	204,637	369,923	
Gurdáspur ...	25,022		9·67	10·81	Sugarcane ...	216	26,488	28,388	
Amritsar ...	98,122	19	6·33	11·22	Rice ...	44,084	58,133	51,079	
Lahore ...	153,600		5·54	11·10	Cotton ...	4,258	58,226	78,797	
					Indigo ...	...	1	14	
					Maize ...	7,068	7,766	13,700	
					Jowár and chari.	8,406	28,775	39,190	
					Miscellaneous	−11,275	97,355	114,248	
...	276,744	...	...	...	...	52,757	276,744	325,416	
Ludhiána ...	6,574	15	5·47	11·85	Sugarcane ...	226	9,402	6,585	Canal ran for 20 days.
Ferozepore ...	59,366		3·65	3·94	Rice ...	430	527	366	
Hissar ...	434	...	...	...	Cotton ...	5,569	12,774	15,579	
Faríd[illegible] State	5,117	...	...	...	Indigo ...	183	993	888	
Patiála „ ...	28,927				Maize ...	3,424	3,626	11,486	
Nábha „ ...	4,124	15	5·30	7·95	Jowár and chari.	17,465	27,596	86,862	
Jínd „ ...	2,742								
Kalsia „ ...	584				Miscellaneous	21,384	52,95[illegible]	129,476	
...	107,868	...	...	...	...	48,681	*107,868	251,242	
...	603,645	...	...	...	...	137,088	603,645	967,882	

* Includes the following areas irrigated by Native States Branches, *viz.*—

	During July 1898.	*To end of July 1898.*	*To end of July 1897.*
Patiála State	11,962 acres.	23,678 acres.	48,038 acres.
Nábha „	646 „	2,377 „	4,346 „
Jínd „	558 „	2,678 „	6,432 „
Total ...	13,166 „	28,733 „	58,816 „

Irrigation Operations of Fasl Kharíf

Canals.	Water distributed during July 1898. — Depth in Canal at regulating gauge. — Full supply.	Actual throughout.	Gross consumption, cubic feet per second. — Designed full supply.	Actual average throughout.
1	2	3	4	5
Brought forward ...	...	...	...	...
MAJOR IRRIGATION WORKS—concluded.				
Chenab Canal: Main Line	9·60	8·01	8,313	4,608
Kot Nikka Branch	5·00	...	324	240
Mián Ali Branch	6·15	6·56	805	644
Rakh Branch	5·90	3·14	1,122	557
Jhang Branch { Upper	9·00	6·51	1,522	1,109
Jhang Branch { Lower	7·00	3·30	726	319
Bhawána Branch	6·00	5·00	434	320
Gugera Branch (for construction only)	...	...	2,986	700
Distributaries of Main Line	...	...	394	277
Loss in Main Line	...	...	...	340
Total Main Line ...	...	...	...	4,506
Escapage	...	...	...	102
Total ...	...	...	8,313	4,608
Lower Sohag and Para Canal	7·00	5·90	1,800	1,180
Total ...	...	...	1,800	1,180
Sidhnai Canal	7·00	2·33	1,600	328
Subsidiary Canals	...	...	520	160
Total ...	...	...	2,120	488
Abstract—Major Irrigation Works—				
Swat River Canal	...	...	700	578
Western Jumna Canal	...	...	6,178	3,907
Bári Doáb Canal	...	...	5,000	4,296
Sirhind Canal	...	...	6,000	3,561
Chenab Canal	...	...	8,313	4,608
Lower Sohág and Pára Canal	...	...	1,800	1,180
Sidhnai Canal	...	...	2,120	488
Total ...	...	...	...	...

of 1898 *up to* 31*st July* 1898—continued.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Z	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* July 1898.	Area irrigated *to end of* July 1898.	Area irrigated *to end of* July 1897.	
6	7	8	9	10	11	12	13	14	15
...	603,645	...	...	...	...	137,088	603,645	967,882	
Gujránwála ...	77,347	11	3·9	6·75	Sugarcane ...	6	27,904	23,401	Canal ran throughout the month. Besides the area shown, 1,900 acres of temporary irrigation was effected from the Gugera Branch Upper, details of which are not available.
Jhang ...	146,169	10	3·05	4·77	Rice ...	8,637	12,509	12,945	
					Cotton ...	680	105,915	109,079	
					Indigo ...	...	...	...	
					Maize ...	9,245	9,323	4,252	
					Jowár and chari.	12,827	23,994	23,819	
					Miscellaneous	9,202	43,871	48,227	
...	223,516	...	...	...	...	40,597	* 223,516	221,723	
					Sugarcane ...	42	233	279	Decrease due to low state of river in May and June.
					Rice ...	1,751	1,870	1,119	
					Cotton ...	1,416	3,792	13,197	
					Indigo ...	...	...	17	
Montgomery	25,824	5	1·21	1·93	Maize ..	2,313	2,350	1,740	
					Jowár and chari.	5,832	6,287	8,765	
					Miscellaneous	8,414	11,292	9,925	
...	25,824	...	...	...	...	19,768	25,824	35,042	
					Sugarcane ...	75	121	435	
					Rice ...	49	49	4,359	
					Cotton ...	381	1,056	26,926	
Mooltan ...	34,064	36	1·94	4·13	Indigo ...	26	26	1,859	
					Maize ...	43	43	134	
					Jowár and chari.	345	407	3,701	
					Miscellaneous	26,456	32,362	38,480	
...	34,064	...	...	...	...	27,375	34,064	75,894	
	14,396	...	...	...	...	6,418	14,396	21,301	
	204,637	...	...	...	...	29,232	204,637	369,923	
...	276,744	...	...	...	...	52,757	276,744	325,416	
...	107,868	...	...	...	...	48,681	107,868	251,242	
...	223,516	...	...	...	...	40,597	223,516	221,723	
...	25,824	...	...	...	...	19,768	25,824	35,042	
...	34,064	...	...	...	...	27,375	34,064	75,894	
...	887,049	...	...	...	...	224,828	887,049	1,300,541	

* Of this, 75,609 acres are free of charge.

Irrigation Operations of Fasl Kharif

Canals.	Water distributed during July 1898. — *Depth in Canal at regulating gauge.* Full supply.	Actual throughout.	*Gross consumption, cubic feet per second.* Designed full supply.	Actual average throughout.
1	2	3	4	5
Total Major Irrigation Works brought forward ...	...	...	...	...
MINOR IRRIGATION WORKS.				
UPPER SUTLEJ CANALS. Katora Canal	7·00	8·00	800	1,032
Khánwah "	7·00	5·40	1,800	872
Upper Sohág "	7·00	7·00	1,400	1,680
Total ...	...	...	4,000	3,584
SHAHPUR CANALS (IMPERIAL). Eastern Station Canal	6·00	2·6?	350	89
Western " "	6·00	4·60	200	135
Sáhiwál Canal	8·00	4·00	550	186
Total ...	...	...	1,100	410
LOWER SUTLEJ AND CHENAB CANALS	...	...	...	...
INDUS CANALS	...	...	...	...
MUZAFFARGARH CANALS	...	...	...	...
GHAGGAR CANALS. Northern Canal Head	7·00	2·50	566	100
Southern Canal Head	6·50	3·20	434	132
Minor Channels	...	...	100	9
Total discharge ...	...	...	1,100	241
Bikanir Border.				
Northern Canal	6·00	2·10	283	46
Southern Canal	5·00	2·30	217	56
Total Bikanir ...	...	...	500	102
Utilized British Territory	...	...	600	139
Total ...	...	...	1,100	241
ABSTRACT—MINOR IRRIGATION WORKS—				
Upper Sutlej Canals	...	...	4,000	3,584
Shahpur Canals (Imperial)	...	...	1,100	410
Lower Sutlej and Chenab Canals ...	...	...	...	...
Indus Canals	...	...	...	...
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals	...	...	1,100	241
Total ...	...	...	...	...
SHAHPUR CANALS (PROVINCIAL). Raniwah West Canal	7·00	3·80	520	187
" East "	7·00	3·90	300	117
Corbynwah Canal	5·00	2·80	113	44
Total ...	...	...	933	348
Total Major Irrigation Works	...	...	...	...
Total Minor Irrigation Works	...	...	...	...
TOTAL MAJOR & MINOR IRRIGATION WORKS (IMPERIAL)	...	...	...	...
Shahpur Canals (Provincial)	...	...	...	...
GRAND TOTAL	...	...	...	...

LAHORE:
The 20th August 1898.

of 1898 *up to 31st July* 1898—concluded.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				
Zillah.	Acres.	Number of years on which average is struck	Average	During month.	Name.	Area irrigated *during* July 1898.	Area irrigated *to end of* July 1898.	Area irrigated *to end of* July 1897.	Remarks.
6	7	8	9	10	11	12	13	14	15
...	887,049	...	...	...	...	224,828	887,049	1,300,541	
Lahore ...	22,799	5	3·37	6·60	Sugarcane ...	102	229	326	Decrease due to low state of river in May and June.
Montgomery	37,784	...	...	...	Rice ...	6,979	9,191	11,801	
					Cotton ...	1,653	7,645	26,132	
					Indigo ...	2	5	50	
					Maize ...	2,249	2,440	2,013	
					Jowár & chari	13,768	16,908	18,924	
					Miscellaneous	10,438	24,165	24,037	
...	60,583	...	...	...	...	35,191	60,583	83,283	
Shahpur ...	21,215	10	4·19	4·79	Sugarcane ...	9	75	71	River was low during the month.
					Rice ...	74	279	...	
					Cotton ...	179	2,804	11,333	
					Indigo ...	...	...	...	
					Maize ...	...	1	...	
					Jowár & chari	1,470	2,080	2,294	
					Miscellaneous	9,221	15,967	6,040	
...	21,215	...	...	...	...	10,953	21,215	19,738	
Mooltan ...	150,130	36	2·02	1·48	...	78,688	150,130	219,490	
D. G. Khan ...	127,511	...	...	...	...	71,752	127,511	142,766	
Muzaffargarh	150,954	5	1·50	2·13	...	84,720	150,954	117,160	
Hissar ...	10,001	...	...	...	Sugarcane ...	...	...	...	Canal in flow from end of June, but lake did not begin to fill in earnest till middle of July. Demand fairly high in British but low in Bikanir territory.
Bikanir State	3,745	...	...	...	Rice ...	5,217	5,217	...	
					Cotton ...	...	40	...	
					Indigo ...	...	...	...	
					Maize ...	1,416	2,055	...	
					Jowár & chari	119	140	...	
					Miscellaneous	5,990	6,384	...	
...	13,836	...	...	...	...	12,742	13,836	...	
...	60,583	...	...	...	...	35,191	60,583	83,283	
...	21,215	...	...	...	...	10,953	21,215	19,738	
...	150,130	...	...	...	...	78,688	150,130	219,490	
...	127,511	...	...	...	...	71,752	127,511	142,766	
...	150,954	...	...	...	...	84,720	150,954	117,160	
...	13,836	...	...	...	...	12,742	13,836	...	
...	524,229	...	...	...	...	294,046	524,229	582,437	
Shahpur ...	16,638	10	3·84	4·45	Sugarcane ...	2	99	48	
					Rice ...	157	813	...	
					Cotton ...	21	498	1,746	
					Indigo ...	...	...	...	
					Maize ...	...	6	13	
					Jowár & chari	319	502	815	
					Miscellaneous	4,764	14,720	8,091	
...	16,638	...	...	...	...	5,263	16,638	10,713	
...	887,049	...	...	...	...	224,828	887,049	1,300,541	
...	524,229	...	...	...	...	294,046	524,229	582,437	
...	1,411,278	...	...	...	...	518,874	1,411,278	1,882,978	
...	16,638	...	...	...	...	5,263	16,638	10,713	
...	1,427,916	...	...	...	...	524,137	1,427,916	1,893,691	

L. M. JACOB,
Under-Secretary to Government, Punjab, P. W. D., Irrigation Branch.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 6TH AUGUST 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar	Hissar ...	16,854	3	2	5	6	4	2	...	...	...	2	...	...	4	2	...	2	15	19	1
2	Hissar	Hansi ...	15,190	6	10	61	4	2	2	...	...	...	2	...	...	2	2	1	3	55	14	2
3	Hissar	Bhiwani ...	35,487	10	5	15	9	3	6	...	...	...	6	1	...	2	1	...	1	22	13	3
4	Hissar	Sirsa ...	16,415	3	2	5	6	3	3	..	...	...	5	...	...	1	2	1	3	16	19	4
5	Rohtak	Rohtak ...	16,191	10	5	15	13	4	9	...	...	...	10	1	..	2	1	3	4	48	42	5
6	Rohtak	Jhajjar ...	11,881	3	1	4	...	...	...	..	...	...	...	...	...	...	...	...	...	18	...	6
7	Gurgaon	Rewari ...	27,934	10	14	24	8	3	5		..	...	6	1	...	1	...	...	...	45	15	7
8	Gurgaon	Palwal ...	11,227	5	4	9	6	2	4		...	...	4	...	...	2	1	2	3	42	28	8
9	Delhi	Delhi ...	189,648	91	73	164	93	36	57		...	1	55	5	...	32	9	13	22	45	26	9
10	Delhi	Sonepat ...	12,611	6	10	16	4	2	2		...	...	2	...	...	2	...	1	1	66	17	10
11	Karnal	Karnal ...	21,530	8	14	22	16	8	8		..	...	9	1	...	6	4	5	9	53	39	11
12	Karnal	Kaithal ...	15,768	14	11	25	20	6	14	...	...	...	9	3	...	8	...	5	5	83	66	12
13	Karnal	Panipat ...	27,547	14	8	22	17	4	13	..		...	7	2	...	8	3	3	6	42	32	13
14	Karnal	Shahabad ...	11,473	4	4	8	1	1	...	...	..	...	...	1	...	...	...	...	...	36	5	14
15	Umballa	Umballa ...	26,856	10	6	16	9	2	7	...	..	...	3	2	...	4	1	5	6	31	17	15
16	Umballa	Jagadhri ...	13,029	1	3	4	6	1	5	...	...	...	5	...	...	1	1	2	3	16	24	16
17	Umballa	Sadhaura ...	10,445	1	4	5	7	2	5	...	..	...	3	1	...	3	1	...	1	25	35	17
18	Hoshiarpur	Hoshiarpur ...	17,546	8	5	13	6	2	4	...	..	...	3	...	...	3	...	1	1	39	18	18
19	Hoshiarpur	Tanda and Urmar	11,632	6	3	9	3	1	2	...	..	...	2	1	..	...	...	...	...	40	13	19
20	Jullundur	Jullundur ...	50,375	23	16	39	31	16	15	...	..	...	12	1	...	18	8	3	11	40	32	20
21	Jullundur	Rahon ...	10,667	1	2	3	3	2	1	...	...	...	1	1	...	1	...	...	...	15	15	21
22	Jullundur	Kartarpur ...	10,441	7	3	10	12	7	5	..	...	...	5	2	...	5	3	1	4	50	60	22
23	Ludhiana	Ludhiana ...	46,024	15	15	30	29	17	12	..	..	...	19	...	...	10	3	4	7	34	33	23
24	Ludhiana	Jagraon ...	18,116	15	6	21	10	4	6	...	...	...	2	1	...	7	3	1	4	60	29	24
25	Ferozepore...	Ferozepore ...	25,337	7	2	9	18	13	5	...	...	...	9	2	...	7	2	2	4	19	37	25
26	Mooltan ...	Mooltan ...	64,265	26	17	43	22	13	9	...	...	...	11	2	1	8	2	2	4	35	18	26
27	Jhang	Maghiana ...	13,866	6	4	10	7	3	14	...	...	...	1	...	...	6	1	2	3	38	26	27
28	Jhang	Chiniot ...	13,476	8	6	14	11	9	2	...	...	...	5	...	...	6	3	...	3	54	43	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29		Lahore ...	159,597	54	56	110	112	57	55	...	...	...	54	8	1	49	18	17	35	36	37	29
30	Lahore ...	Kasur ...	20,290	10	14	24	15	7	8	...	...	1	8	...	...	6	4	3	7	62	39	30
31		Chunian ...	10,339	2	1	3	6	3	3	...	...	...	1	2	...	3	...	...	...	15	30	31
32	Amritsar ...	Amritsar ...	135,401	55	62	117	91	47	44	...	...	...	51	1	...	39	13	10	23	45	35	32
33	Gurdaspur ...	Batala ...	27,223	12	11	23	15	3	12	...	...	...	5	...	...	10	1	5	6	44	29	33
34	Sialkot ...	Sialkot ...	33,965	27	23	50	21	9	12	...	...	...	8	1	2	10	1	...	1	77	32	34
35	Gujrat ...	Gujrat ...	17,671	11	13	24	12	7	5	...	...	...	4	...	...	8	4	...	4	71	35	35
36		Jalalpur ...	11,065	5	4	9	9	2	7	...	...	...	4	...	1	4	...	3	3	42	42	36
37	Gujranwala ...	Gujranwala ...	25,892	12	10	22	5	1	4	...	...	...	2	...	...	3	1	3	4	44	10	37
38		Wazirabad ...	15,786	7	8	15	18	8	10	...	...	...	9	1	...	8	5	3	8	50	59	38
39	Shahpur ...	Bhera ...	17,428	9	4	13	20	10	10	...	...	...	9	1	1	9	2	2	4	39	60	39
40	Jhelum ...	Pind Dadan Khan	15,055	2	2	4	9	5	4	...	...	...	6	3	...	...	1	1	2	14	31	40
41	Rawalpindi ...	Rawalpindi ...	38,334	5	3	8	17	8	9	...	...	...	10	2	...	5	1	4	5	11	23	41
42	Peshawar ...	Peshawar ...	63,079	16	11	27	30	10	20	...	...	...	19	3	...	8	1	5	6	22	25	42
43	Kohat ...	Kohat ...	14,347	1	...	1	6	4	2	...	...	...	2	2	1	1	1	...	1	4	22	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	2	4	6	20	9	11	...	...	...	9	4	...	7	1	4	5	15	48	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	2	3	5	12	6	6	...	...	...	5	...	2	5	2	1	3	11	26	45
	Grand Total	...	1,412,775	553	484	1,037	795	366	429	...	...	2	404	56	9	324	109	118	227	38	29	
	Hill Sanitaria.																					
	Simla ...	... ...	13,279	3	1	4	11	6	5	...	...	...	10	...	...	1	3	2	5	16	43	
	Dharmsala ...	... ...	2,778	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Dalhousie ...	... ...	807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,459	...	...	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...	36	

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 20th August 1898.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGEON-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 6TH AUGUST 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 1,037 births were registered (553 males and 484 females), giving a birth-rate of 38 per *mille* of population; 795 deaths were registered (366 males and 429 females), giving a death-rate of 29 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURGEON-LIEUT.-COLONEL,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 20th August 1898.

Punjab Government Press, Lahore—25-8-98—690.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, SEPTEMBER 1, 1898.

PART I.
STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 30th AUGUST 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	0·24 at Sadr ... 0·32 in Hánsi. 1·76 in Bhiwáni.	1. Sufficient ... 2. Good.	Wheat 15 seers ... Bájra 19 seers. Gram 20 seers.	Rain insufficient to invigorate standing crops, which are withering. More rain is much needed. Canal crops promising.	...
2	Delhi ...	1·83 ...	1. Sufficient ... 2. Fair.	Wheat 15½ seers... Gram 19 seers. Bájra 20 seers.	Prospects fair ...	...
3	Umballa ...	2·62 at Sadr ... 6·96 in Jagadhri. 4·95 in Naráingarh 1·23 in Kharar. 1·50 in Rupar.	1. Sufficient ... 2. Good.	Wheat 19 seers ... Gram 22 seers. Maize 28 seers.	Condition of standing crops improved by recent rain.	...
4	Jullundur ...	Rainfall throughout.	2. Fair ...	Wheat 20 seers ... Gram 22 seers. Barley 28 seers.	Crops in good condition ...	...
5	Ferozepore ...	0·58 in Nathána ...	1. Sufficient ... 2. Good.	Wheat 17 seers ... Barley 30 seers. Jowár 20 seers. Bájra 16 seers. Gram 21 seers. Maize 18 seers.	Baráni (dependent on rain) crops suffering from want of rain.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	1. Sufficient ... 2. Good.	Wheat 16½ seers	Crops in good condition.	...
7	Lahore ...	0·94 at Sadr ...	1. Sufficient ... 2. Good.	Wheat 16½ to 19 seers. Maize 21 to 25 seers.	Irrigation of crops going on. Dry land crops are suffering from want of rain.	Ploughings continue.
8	Amritsar ...	1·45 average ...	1. Sufficient ... 2. Good.	Wheat 19 seers ... Maize 29 seers.	Recent rain has benefited the standing crops. Harvesting of rice crop commenced in some villages.	...
9	Siálkot ...	3·75 average ...	1. Sufficient ... 2. Good.	Wheat 16¾ to 18¼ seers. Rice 10½ to 11 seers.	Prospects improved ...	Ploughings continue.
10	Shahpur ...	0·53 in Bhera ...	1. Sufficient ... 2. Good.	Wheat 17 to 20 seers. Bájra 20 to 24 seers.	Crops in need of rain.	...
11	Ráwalpindi ...	3·06 at Sadr ... 3·25 in Pindigheb. 0·80 in Fatehjang. 0·62 in Attock. 1·11 in Gujar Khan. 3·63 in Kahúta. 2·14 in Murree.	1. Sufficient ...	Wheat 16 seers ... Bájra 17 seers. Maize 22 seers.	Prospects average. Locusts appeared in two tahsíls, but did no damage.	...
12	Peshávar ...	...	1. Sufficient ... 2. Good.	Wheat 14⅞ seers Maize 24⅝ seers.	Condition of standing crops good. Maize being sown.	...
13	D. I. Khan	0·06 in Tank ...	1. Sufficient, except in Bhakkar. 2. Fair.	Wheat $17\frac{13}{16}$ seers Bájra 22½ seers.	Condition of standing crops average. Sowings still going on.	...

GENERAL REMARKS.

Rainfall.—Rain ranging from 3¾ to ½ inch has fallen in all districts except Mooltan and Peshávar. A slight fall is also reported from Dera Ismail Khan.

Prices.—Prices, especially of wheat, are rising in Peshávar and Dera Ismail Khan; falling in Delhi, Umballa, Jullundur and Amritsar; unchanged elsewhere. Wheat is selling from 14⅞ to 20, gram 19 to 22, barley 28 to 30, bulrush millet 16 to 24, maize 18 to 29, and great millet 20 seers per rupee.

Agricultural operations.—Sowings of autumn crops still going on. Harvesting of rice crop commenced in parts of Amritsar.

Crops and outturn.—Condition of standing crops good to average. Recent rain has benefited the crops, but more is generally wanted. In Hissar the rainfall is insufficient to invigorate the withering crops. Crops on dry land are still suffering.

Damage done to crops.—Locusts appeared in parts of Ráwalpindi, but did no damage.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient in all districts except in parts of Dera Ismail Khan.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 13th August 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other Earnings (estimated).	Total Earnings.	Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P	Rs. A P.			
Total traffic for the week	*16,298	*13,711 13 0	63,963 0	6,345 1 0	57 0 0	20,113 14 0	7,158	3,286	10,444
Or per mile of Railway	...	84 8 3	...	39 1 9	0 5 7	123 15 7	...	...	...
For previous 5¾ weeks of half year	†96,738	†79,220 0 0	‡318,954 30	‡39,902 12 0	§305 0 0	1,19,427 12 0	37,423	14,742	52,165
Total for 6¾ weeks ...	113,036	92,931 13 0	382,917 30	46,247 13 0	362 0 0	1,39,541 10 0	44,581	18,028	62,609
COMPARISON.									
Total for corresponding week of previous year ...	17,815½	17,301 2 7	76,892 0	12,176 14 0	100 8 6	29,578 9 1	7,790	5,579	13,369
Per mile of Railway corresponding week of previous year.	...	106 10 3	...	75 0 10	0 9 11	182 5 0	...	...	...
Total for corresponding 6¾ weeks of previous year ...	109,398½	1,03,283 2 0	457,976 20	68,233 6 0	490 13 6	1,72,007 5 6	48,421	22,814	71,335

* The decrease is due to troop and mule special trains to the frontier in the corresponding period of 1897.
† Added No. of passengers 1,541 and Rs. 619 }
‡ Deducted Mds. 26,885 ,, 406 } on account of difference between the Approximate and Audited figures for the first 9 days of July 1898.
§ Ditto ,, 21 }

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 18th August 1898.

T. BASHFORD,
Acting Chief Auditor.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	2			3			4			5		
	QUANTITIES PER RUPEE BY THE											
	Wheat.			Barley.			Rice (best sort).			Rice (common).		
DISTRICTS.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs	Srs.	Srs.	Srs.
Hissar ...	16	16	10	24	29	12	...	...	...	10	10	6
Rohtak ...	15	16	9	23	26	11	...	...	...	10	10	7
Gurgaon ...	14	16	10	25	26	13	...	...	...	8	8	7
Delhi ...	15	15	10	23	25	12	...	...	...	10	10	7
Karnál ...	17	17	10	28	30	12	...	...	...	8	8	7
Umballa ...	19	18	10	26	24	14	...	...	...	10	10	6
Simla ...	14	13	8	17	18	11	...	...	...	8	8	6
Kángra ...	18	17	11	23	23	16	...	...	...	11	11	8
Hoshiárpur ...	19	19	11	26	26	14	...	...	...	11	9	8
Jullundur ...	19	20	10	26	29	13	...	...	...	8	9	7
Ludhiána ...	18	19	10	29	31	11	...	...	...	9	8	7
Ferozepore ...	17	17	9	29	31	12	...	...	...	7	7	6
Mooltan ...	15	15	10	23	23	13	...	...	...	14	14	9
Jhang ...	21	20	11	25	25	13	...	...	...	8	12	8
Montgomery ...	17	17	10	22	23	12	...	...	...	10	10	7
Lahore ...	17	18	10	‡	29	13	...	...	...	10	10	7
Amritsar ...	17	18	10	27	28	12	...	...	...	10	10	6
Gurdáspur ...	20	20	11	36	32	14	...	...	...	10	11	7
Siálkot ...	17	18	10	29	27	13	...	...	...	11	11	6
Gujrát ...	19	19	10	30	28	12	...	...	...	9	9	7
Gujránwála ...	17	20	10	32	34	13	...	...	...	10	10	7
Shahpur ...	22	22	11	30	32	15	...	...	...	7	7	5
Jhelum ...	20	20	10	27	27	14	...	...	...	10	10	8
Ráwalpindi ...	16	17	10	29	29	15	...	...	...	8	8	6
Hazára ...	17	16	10	28	28	15	...	...	...	8	8	6
Pesháwar ...	16	15	10	30	28	16	...	...	...	8	7	7
Kohát ...	17	17	11	26	26	15	...	...	...	11	11	7
Bannu ...	23	24	11	39	43	16	...	...	...	12	12	7
D. I. Khan (a)	...	20	10	...	24	13	...	...	...	...	7	5
D.G. Khan ...	16	16	11	21	21	13	...	...	...	13	13	6
Muzaffargarh	17	15	11	21	22	13	...	...	...	15	15	8

† Not pro
‡ Not sold.
§ Not pro
(a) Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH AUGUST 1898.

6			7			1
ORDINARY SEER OF 80 TOLAS.						
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*			
Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
18	16	11	19	21	9	Hissar.
21	22	10	18	21	8	Rohtak.
22	22	11	21	23	10	Gurgaon.
20	18	10	20	21	9	Delhi.
20	20	10	16	18	5	Karnál.
25	21	9	20	20	7	Umballa.
20	20	7	16	16	8	Simla.
†	†	†	†	†	†	Kángra.
20	16	13	16	16	9	Hoshiárpur.
20	17	12	18	18	8	Jullundur.
24	24	11	19	19	7	Ludhiána.
25	19	10	16	16	8	Ferozepore.
18	16	12	18	18	8	Mooltan.
23	20	6	17	‡	§	Jhang.
‡	‡	8	§	§	†	Montgomery.
22	23	11	19	19	8	Lahore.
24	24	9	17	17	8	Amritsar.
24	21	10	11	11	10	Gurdáspur.
31	21	10	15	15	§	Siálkot.
16	16	7	16	16	7	Gujrát.
28	28	11	17	17	8	Gujránwála.
19	18	8	18	18	8	Shahpur.
22	22	12	21	21	10	Jhelum.
25	22	11	22	21	8	Ráwalpindi.
§	§	§	18	18	§	Hazára.
27	23	10	17	16	9	Pesháwar.
§	§	§	26	26	10	Kohát.
41	41	8	40	40	8	Bannu.
...	30	10	...	25	9	D. I. Khan. (*a*)
18	19	9	23	23	10	D. G. Khan.
18	15	9	16	16	§	Muzaffargarh.

duced.

curable.
not received.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 18 seers as compared with 18 seers in last fortnight and 10 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Umballa	...	10	18	19
Jullundur	...	10	20	19
Jhang	...	11	20	21
Shahpur	...	11	22	22
Bannu	...	11	24	23
Muzaffargarh	...	11	15	17

Barley.—Prices average 27 seers as compared with 28 seers in last fortnight and 13 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Karnál	...	12	30	28
Ludhiána	...	11	31	29
Gurdáspur	...	14	32	36
Gujránwála	...	13	34	32
Bannu	...	16	43	39

Rice.—Prices average 10 seers as compared with 10 seers in last fortnight and 7 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Umballa	...	6	10	10
Kángra	...	8	11	11
Mooltan	...	9	14	14
Siálkot	...	6	11	11
Bannu	...	7	12	12
Muzaffargarh	...	8	15	15

Jowár.—Prices average 23 seers as compared with 21 seers in last fortnight and 10 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Umballa	...	9	21	25
Ferozepore	...	10	19	25
Jhang	...	6	20	23
Siálkot	...	10	21	31
Bannu	...	8	41	41

Bájra.—Prices average 19 seers as compared with 20 seers in last fortnight and 8 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Umballa	...	7	20	20
Ludhiána	...	7	19	19
Lahore	...	8	19	19
Ráwalpindi	...	8	21	22
Bannu	...	8	40	40
D. G. Khan	...	10	23	23

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	8			9			10			11		
	QUANTITIES PER RUPEE BY											
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	21	23	9	†	†	9
Rohtak ...	†	†	†	10	10	10	18	20	9	18	18	9
Gurgaon ...	†	†	†	†	†	†	18	20	9	16	16	10
Delhi ...	†	†	†	12	12	9	17	20	9	23	23	10
Karnál ...	24	24	10	8	8	7	19	20	9	20	20	10
Umballa ...	§	§	§	16	14	§	23	20	10	29	28	11
Simla ...	18	15	10	8	9	7	15	16	8	22	24	10
Kángra ...	§	§	§	‡	‡	‡	16	17	10	24	22	12
Hoshiárpur ...	18	18	§	10	10	8	22	23	10	26	25	13
Jullundur ...	§	§	§	18	18	13	21	23	10	24	24	11
Ludhiána ...	†	†	†	15	15	13	21	23	9	26	28	12
Ferozepore ...	†	†	†	16	16	8	21	23	9	18	16	10
Mooltan ...	†	†	†	16	16	10	19	18	10	16	16	9
Jhang ...	24	24	5	28	30	6	19	18	10	21	20	8
Montgomery ...	§	§	§	§	§	†	21	22	9	§	§	‡
Lahore ...	§	§	§	21	23	14	20	23	9	21	22	8
Amritsar ...	§	§	†	17	19	11	20	24	9	24	23	8
Gurdáspur ...	§	§	13	12	12	10	23	24	10	24	24	11
Siálkot ...	§	§	§	§	§	§	20	21	10	§	§	§
Gujrát ...	†	†	†	†	†	†	20	20	10	16	16	7
Gujránwála ...	†	†	†	16	16	12	20	22	10	17	18	7
Shahpur ...	24	24	14	16	16	14	27	28	11	16	16	8
Jhelum ...	‡	‡	‡	‡	‡	‡	22	22	10	24	24	11
Ráwalpindi ...	‡	‡	‡	13	13	11	19	20	9	24	24	12
Hazára ...	†	†	†	§	§	§	15	16	9	23	23	10
Peshawar ...	†	†	†	17	18	13	17	18	8	26	2[illegible]	11
Kohát ...	†	†	†	§	§	§	18	18	10	24	23	13
Bannu ...	13	13	8	7	7	8	26	27	11	48	50	13
D. I. Khan (a) ...	...	§	§	...	‡	4	...	23	10	...	‡	8
D. G. Khan ...	§	§	§	§	§	§	18	18	10	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	19	20	10	§	§	§

† Not pro
‡ Not sold.
§ Not pro
(a) Statemen

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH AUGUST 1898—continued.

12			13			1	
THE ORDINARY SEER OF 80 TOLAS.							
Arhur or Thur, Cadjan Pea (Ca[illegible]us Indicus).			*Firewood.*				
Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
†	†	†	100	100	100	Hissar.	
13	13	10	120	120	120	Rohtak.	
18	18	11	140	140	140	Gurgaon.	
20	20	11	90	90	100	Delhi.	
14	14	9	160	160	160	Karnál.	
§	§	§	160	160	160	Umballa.	
9	9	6	80	80	70	Simla.	
12	12	7	100	100	100	Kángra.	
8	8	8	130	110	130	Hoshiárpur.	
§	§	§	100	100	110	Jullundur.	
10	10	7	105	110	110	Ludhiána.	
10	10	7	100	90	90	Ferozepore.	
†	†	†	80	80	110	Mooltan.	
6	6	8	160	160	160	Jhang.	
§	§	6	250	250	310	Montgomery.	
11	11	7	78	90	90	Lahore.	
‡	‡	§	90	90	110	Amritsar.	
§	§	§	100	100	120	Gurdáspur.	
§	§	§	130	130	130	Siálkot.	
†	†	†	140	140	110	Gujrát.	
‡	‡	†	05	95	95	Gujránwála.	
†	†	†	160	160	160	Shahpur.	
‡	‡	‡	120	120	120	Jhelum.	
‡	‡	14	65	65	80	Ráwalpindi.	
†	†	†	81	81	81	Hazára.	
13	13	10	55	60	80	Peshávar.	
†	†	†	82	81	102	Kohát.	
5	5	7	70	70	57	Bannu.	
...	‡	5	...	125	125	D. I. Khan. (*a*)	
§	§	§	100	100	100	D. G. Khan.	
§	6	7	140	140	140	Muzaffargarh.	

Gram.—Prices average 20 seers as compared with 21 seers in last fortnight and 10 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Umballa ...	10	20	23
Ferozepore ...	9	23	21
Gurdáspur ...	10	24	23
Shahpur ...	11	28	27
Bannu ...	11	27	25
Muzaffargarh ...	10	20	19

Maize.—Prices average 23 seers as compared with 23 seers in last fortnight and 10 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Umballa ...	11	28	29
Ludhiána ...	12	28	26
Amritsar ...	8	23	24
Jhelum ...	11	24	24
Bannu ...	13	50	45

duced.

curable.
not received.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt					
DISTRICTS.	Present fortnight ending 15th August 1898.		Past fortnight ending 31st July 1898.		Corresponding fortnight of 1897.	
	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 0	11 0	11 0	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 4	12 0	12 0	11 0
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 12
Simla	9 0	8 0	9 0	8 0	9 0	8 8
Kángra	*	10 0	*	10 0	*	10 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	12 0	13 0	12 0	13 0	12 8
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	12 8	12 0	12 8	12 0	12 8	12 8
Jhang	12 0	11 12	11 12	11 8	12 8	12 0
Montgomery	12 12	12 0	12 12	12 8	12 12	12 8
Lahore	13 7	12 11	13 7	12 11	13 5	12 14
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 12
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	13 12	13 8	14 0	13 12	14 0	13 12
Shahpur	13 8	13 0	13 8	13 0	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	13 14	13 8	13 14	13 8	13 14	13 12
Hazára	*	11 8	*	11 8	*	11 0
Peshâwar	16 0	15 0	15 0	14 0	15 0	14 0
Kohát	19 4	16 8	19 4	16 8	19 2	17 14
Bannu	20 0	18 12	22 8	20 0	23 0	21 0
D. I. Khan (a)	...	...	14 10	14 6	16 14	16 0
D. G. Khan	11 4	10 0	11 4	10 0	13 2	11 14
Muzaffargarh	12 4	12 0	12 6	12 0	12 8	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro
(a) Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH AUGUST 1898—concluded.

15			16			1	
THE ORDINARY SEER OF 80 TOLAS.							
Gur.			*Cotton (unginned).*				
Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.		
9 0	9 0	9 0	7 0	7 0	7 0	Hissar.	
10 0	10 0	10 0	10 0	9 0	8 0	Rohtak.	
9 0	10 0	9 4	9 0	9 0	9 0	Gurgaon.	
8 0	8 0	8 0	9 0	9 0	6 0	Delhi.	
10 0	11 0	10 0	11 0	11 0	10 0	Karnál.	
8 8	9 0	10 0	11 0	11 0	8 0	Umballa.	
7 0	5 8	5 0	†	†	†	Simla.	
7 0	7 0	6 0	6 0	6 0	6 0	Kángra.	
7 8	7 0	8 0	10 0	9 0	8 0	Hoshiárpur.	
7 0	7 8	8 0	11 0	11 0	9 8	Jullundur.	
7 0	7 0	7 4	8 0	8 0	7 4	Ludhiána.	
6 12	7 12	7 14	7 12	7 12	7 12	Ferozepore.	
7 0	7 0	7 0	8 0	9 0	7 0	Mooltan.	
8 0	8 0	8 8	11 0	10 0	8 8	Jhang.	
8 0	8 0	8 0	10 0	10 0	‡	Montgomery.	
7 6	8 0	8 4	9 2	9 0	7 12	Lahore.	
8 4	8 4	8 4	9 12	9 12	7 12	Amritsar.	
8 8	8 8	9 8	9 0	9 0	7 0	Gurdáspur.	
8 0	8 0	9 0	8 0	8 0	7 8	Siálkot.	
8 0	8 0	9 0	9 0	9 0	7 0	Gujrát.	
8 4	8 4	8 12	10 0	9 8	8 0	Gujránwála.	
7 8	7 8	8 0	10 0	10 0	10 0	Shahpur.	
8 8	8 8	9 12	‡	‡	‡	Jhelum.	
8 0	8 4	8 12	8 12	8 12	8 12	Ráwalpindi.	
6 [illegible]	6 12	6 8	§	§	§	Hazára.	
6 1	6 10	6 14	8 12	9 3	8 9	Pesháwar.	
7 1	7 4	8 9	11 8	11 8	11 8	Kohát.	
10 15	10 15	10 15	8 12	8 12	10 0	Bannu.	
...	8 6	9 6	...	‡	10 0	D. I. Khan.a	
6 4	6 4	6 4	10 10	§	11 4	D. G. Khan.	
7 8	7 8	8 8	11 0	11 0	8 0	Muzaffargarh.	

sale salt sold.
duced.

curable.
not received.

TULSI DAS, *Clerk of Statistics,*

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS

1	2	3	4	5	6	7	8	9	10	11	12
	WHOLESALE PRICE PER MAUND OF 82⁶⁄₇ lbs.										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi	2 8 0	3 10 2	2 9 3	1 11 3	1 15 3	1 14 6	1 11 9	2 4 7	3 1 3	4 0 0	3 5 4
Ferozepore ...	2 0 0	5 11 5	2 5 6	1 5 0	1 8 6	2 8 0	2 4 0	1 14 6	4 0 0	4 7 1	5 0 0
Mooltan	1 7 8	2 12 1	2 10 6	1 11 9	2 1 6	2 1 6	2 5 7	2 1 7	...	4 0 0	3 10 2
Lahore	2 1 8	4 0 0	2 4 8	1 6 0	1 12 10	2 0 0	1 13 1	1 15 3	3 8 10	3 5 4	3 7 [illegible]
Amritsar	2 2 7	4 0 0	2 3 7	1 6 10	...	...	...	1 14 6	...	3 1 3	3 4 [illegible]
Ráwalpindi ...	1 11 10	5 5 1	2 6 9	1 6 1	1 9 7	1 13 1	1 10 8	2 1 8	3 13 0	3 1 3	3 12 0

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH AUGUST 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
OR 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.
20 0 0	5 0 0	4 11 4	11 0 6	35 8 10	2 15 5	8 0 0	11 6 10	...	0 8 0	0 8 0	0 10 8	125 0 0	60
5 11 5	5 0 0	5 11 5	14 8 0	40 0 0	2 13 9	5 0 0	12 4 11	35 0 0	0 4 0	0 5 3	0 5 3	75 0 0	50
6 10 8	5 0 0	5 5 4	12 5 0	37 10 3	3 6 6	10 0 0	13 5 4	...	0 4 11	0 6 4	...	70 0 0	50
4 9 2	4 11 3	5 3 11	12 8 9	35 8 11	2 9 8	5 11 5	12 4 11	32 8 0	0 10 8	0 7 1	...	112 8 0	100
...	4 7 1	4 11 4	12 12 10	...	2 6 9	...	...	...	...	0 5 10	...	...	85
5 0 0	4 0 0	4 13 7	14 10 0	30 0 0	2 11 6	4 0 0	13 5 4	32 0 0	0 5 4	0 8 0	0 10 8	60 0 0	60

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

NORTH-WESTERN RAILWAY.

Abstract of Principal Commodities carried over the North-Western Railway during the month of June 1898 *as compared with the same month of the previous year.*

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		No.	No.	No.	No.	
1	Animals ...	2,337	1,049	...	1,288	
		Tons.	Tons.	Tons.	Tons.	
2	Coal and coke ...	4,130	3,269	...	861	
3	Cotton, raw ...	3,526	3,356	...	170	
4	Cotton, manufactured—					
	(1) Twist and yarn, European ...	278	215	...	63	
	(2) Twist and yarn, Indian ...	184	207	113	...	
	(3) Piece-goods, European ...	1,594	2,249	655	...	
	(4) Piece-goods, Indian ...	1,388	1,330	...	58	
5	Drugs and chemicals—					
	(1) Intoxicating other than opium ...	115	87	...	28	
	(2) Non-intoxicating—					
	(a) Cinchona bark ...	...	...	...	...	
	(b) Others ...	813	894	81	...	
6	Dyes and tans—					
	(1) Indigo ...	140	100	...	40	
	(2) Myrabolams ...	21	17	...	4	
	(3) Cutch ...	8	2	...	6	
	(4) Turmeric ...	232	231	...	1	
	(5) Alizarine and aniline dyes ...	68	86	18	...	
	(6) Others ...	388	582	194	...	
7	Grain and pulse—					
	(1) Wheat ...	63,915	113,550	49,635	...	
	(2) Rice in the husk ...	569	923	354	...	
	(3) Rice not in the husk ...	6,233	8,017	1,784	...	
	(4) Jowár and bájra ...	8,329	5,466	...	2,863	
	(5) Gram and pulse ...	12,546	18,649	6,103	...	
	(6) Others ...	3,366	2,6 0	...	706	
8	Hides and skins—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	276	155	...	121	
	(b) Raw ...	951	490	...	461	
	(2) Skins of sheep—					
	(a) Dressed or tanned ...	26	7	...	19	
	(b) Raw ...	517	350	...	167	
9	Horns ...	30	20	...	10	
10	Jute—					
	(1) Raw ...	2	4	2	...	
	(2) Gunny bags and cloth ...	2,635	4 281	1,646	...	
11	Lac—					
	(1) Stick ...	4	2	...	2	
	(2) Shell ...	24	26	2	...	
12	Leather, manufactured ...	148	107	...	41	
13	Liquors—					
	(1) Beer ...	692	660	...	32	
	(2) Spirits ...	57	36	...	21	
	(3) Wines ...	186	232	46	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
14	Metals—					
	(1) Copper, unwrought ...	7	48	41	...	
	(2) Brass, unwrought ...	25	56	31	...	
	(3) Copper, wrought ...	39	75	36	...	
	(4) Brass, wrought ...	101	107	6	...	
	(5) Iron ...	3,608	3,138	...	470	
	(6) Others ...	171	381	210	...	
15	Oils—					
	(1) Kerosine ...	820	653	...	167	
	(2) Castor ...	10	16	6	...	
	(3) Cocoanut oil ...	18	16	...	2	
	(4) Others ...	283	288	5	...	
16	Oil-seeds—					
	(1) Linseed ...	69	269	200	...	
	(2) Rape and mustard ...	5.386	14.310	8,924	...	
	(3) Til or jinjili ...	1,130	396	...	734	
	(4) Poppy ...	86	173	87	...	
	(5) Earthnut ...	4	4	...	...	
	(6) Castor ...	6	88	82	...	
	(7) Cotton seed ...	1,708	1.308	...	400	
	(8) Others ...	1,754	6,567	4,813	...	
17	Opium ...	14	8	...	6	
18	Paper and paste-boards ...	256	200	...	56	
19	Provisions—					
	(1) Ghi ...	901	832	...	69	
	(2) Dried fruits ...	412	520	108	...	
	(3) Flour ...	3,630	2,276	...	1,354	
	(4) Others ...	1,772	2,068	296	...	
20	Railway Materials for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders ...	...	...	...	...	
	(2) Carriages and Trucks ...	...	...	...	...	
	(3) Materials for construction—					
	(a) Wooden sleepers ...	2,910	15	...	2,895	
	(b) Other sorts ...	10,555	4,810	...	5,745	
21	Salt ...	7,141	9,575	2,434	...	
22	Saltpetre, &c.—					
	(1) Saltpetre ...	452	219	...	233	
	(2) Other saline substances ...	456	350	...	106	
23	Silk, raw—					
	(1) Foreign ...	22	23	1	...	
	(2) Indian ...	4	9	5	...	
24	Silk piece-goods—					
	(1) Foreign ...	3	1	...	2	
	(2) Indian ...	5	5	...	...	
25	Spices—					
	(1) Betelnut ...	59	35	...	24	
	(2) Pepper ...	60	96	36	...	
	(3) Ginger ...	33	28	...	5	
	(4) Chillies ...	301	207	...	94	
	(5) Cardamums ...	13	17	4	...	
	(6) Others ...	420	462	42	...	
26	Stone and lime ...	7,750	9,532	1,782	...	
27	Sugar—					
	(1) Refined ...	4,013	4.988	975	...	
	(2) Unrefined ...	7,384	10,783	3,399	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
28	Tea—					
	(1) Foreign ...	32	15	...	17	
	(2) Indian ...	306	183	...	123	
29	Timber ...	5,775	5,586	...	189	
30	Tobacco—					
	(1) Unmanufactured ...	892	769	...	123	
	(2) Manufactured—					
	(a) Cigars ...	14	11	...	3	
	(b) Others ...	113	140	27	...	
31	Wool, raw ...	2,022	789	...	1,233	
32	Wool, manufactured—					
	(1) Piece-goods, European ...	13	40	27	...	
	(2) Piece-goods, Indian ...	109	115	6	...	
	(3) Shawls ...	...	...	...	...	
33	All other articles of merchandise—					
	(1) Firewood ...	3,936	4,974	1,038	...	
	(2) Manures ...	3,944	1,499	...	2,445	
	(3) Fodder ...	3,839	2,110	...	1,729	
	(4) Lucifer matches ...	54	43	...	11	
	(5) Others ...	3,782	5,047	1,265	...	
		No.	No.	No.	No.	
	Total ... Animals ...	2,337	1,049	...	1,288	
		Tons.	Tons.	Tons.	Tons.	
	Total ... Goods ...	202,013	264,623	62,610	...	

LAHORE :
The 22nd August 1898.

J. SHAW,
Examiner of Accounts, North-Western Railway.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 13TH AUGUST 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	5	4	9	8	3	5	...	...	...	5	1	...	2	...	1	1	28	25	1
2		Hansi ...	15,190	6	5	11	10	6	4	...	...	...	5	...	1	4	...	2	2	38	34	2
3		Bhiwani ...	35,487	15	13	28	17	7	10	...	...	...	6	...	...	11	2	3	5	41	25	3
4		Sirsa ...	16,415	4	1	5	5	3	2	...	...	...	2	1	...	2	...	2	2	16	16	4
5	Rohtak ...	Rohtak ...	16,191	10	10	20	15	10	5	...	...	...	5	3	...	7	4	1	5	64	48	5
6		Jhajjar ...	11,881	8	3	11	5	2	3	...	...	...	3	...	...	2	...	1	1	48	22	6
7	Gurgaon ...	Rewari ...	27,934	7	13	20	10	6	4		...	...	3	1	...	6	2	2	4	37	19	7
8		Palwal ...	11,227	11	8	19	10	4	6	...	...	...	5	...	...	5	3	1	4	88	46	8
9	Delhi ...	Delhi ...	189,648	93	86	179	114	59	55	...	...	...	76	3	...	35	17	16	33	49	31	9
10		Sonepat ...	12,611	7	9	16	7	3	4		...	...	2	...	...	5	2	2	4	66	29	10
11	Karnal ...	Karnal ...	21,530	16	8	24	13	3	10		...	...	7	1	...	5	2	2	4	58	31	11
12		Kaithal ...	15,768	10	9	19	18	10	8	...	...	...	11	...	...	7	4	3	7	63	60	12
13		Panipat ...	27,547	15	9	24	24	18	6	...	...	...	17	...	...	7	8	2	10	45	45	13
14		Shahabad ...	11,473	4	2	6	2	2	...	...	...	...	2	...	...	...	...	...	...	27	9	14
15	Umballa ...	Umballa ...	26,856	17	18	35	21	11	10	...	...	...	10	...	...	11	4	5	9	68	41	15
16		Jagadhri ...	13,029	6	3	9	10	4	6	...	...	...	6	1	...	3	1	3	4	36	40	16
17		Sadhaura ...	10,445	1	3	4	3	2	1	...	...	...	2	...	...	1	1	1	2	20	15	17
18	Hoshiarpur ...	Hoshiarpur ...	...	Returns not received																		18
19		Tanda and Urmar	...																			19
20	Jullundur ...	Jullundur ...	50,375	15	21	36	35	16	19	...	...	...	21	2	...	12	6	5	11	37	36	20
21		Rahon ...	10,667	4	3	7	6	4	2	...	...	...	3	1	...	2	3	...	3	34	29	21
22		Kartarpur ...	10,441	7	5	12	6	3	3	...	...	...	2	3	...	1	...	...	...	60	30	22
23	Ludhi[illegible] ...	Ludhiana ...	46,024	10	9	19	21	10	11	...	...	...	11	1	...	9	2	2	4	22	24	23
24		Jagraon ...	18,116	4	5	9	18	10	8	...	...	...	10	2	...	6	3	2	5	26	52	24
25	Ferozepore...	Ferozepore ...	25,337	2	4	6	19	12	7	...	...	...	11	4	...	4	2	2	4	12	39	25
26	Mooltan ...	Mooltan ...	64,265	20	15	35	25	13	12	...	...	...	10	2	...	13	6	6	12	28	20	26
27	Jhang ...	Maghian ...	13,866	8	11	19	15	7	8	...	...	...	1	2	...	14	4	5	9	71	56	27
28		Chiniot ...	13,476	5	9	14	9	3	6	...	...	...	2	...	...	7	1	1	2	54	35	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	DISTRICTS.	TOWNS.	Population according to the Census of 1891.	BIRTHS. Males.	BIRTHS. Females.	BIRTHS. Total.	DEATHS. Total.	DEATHS. Males.	DEATHS. Females.	CAUSE OF DEATH. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	INFANTS UNDER ONE YEAR OF AGE. Males.	Females.	Total.	Ratio of births per 1,000 of population	Ratio of deaths per 1,000 of population	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	53	55	108	98	52	46	...	...	...	56	10	...	32	15	18	33	35	32	29
30		Kasur ...	20,290	11	14	25	9	7	2	...	...	...	5	...	1	3	2	1	3	64	23	30
31		Chunian ...	10,339	6	4	10	7	4	3	...	...	...	5	...	1	1	1	2	3	50	35	31
32	Amritsar ...	Amritsar ...	135,401	60	58	118	107	52	55	...	...	...	68	1	2	36	19	12	31	45	41	32
33	Gurdaspur ...	Batala ...	27,223	4	10	14	18	11	7	...	...	...	5	...	...	13	3	3	6	27	34	33
34	Sialkot ...	Sialkot ...	33,965	24	25	49	38	13	25	...	...	...	16	1	...	21	6	5	11	75	58	34
35	Gujrat ...	Gujrat ...	17,671	7	9	16	21	8	13	...	...	...	8	1	...	12	3	5	8	47	62	35
36		Jalalpur ...	11,065	6	1	7	12	7	5	...	...	...	5	3	...	4	1	3	4	33	57	36
37	Gujranwala...	Gujranwala ...	25,892	14	12	26	13	6	7	...	...	...	8	...	...	5	2	...	2	52	26	37
38		Wazirabad ...	15,786	7	9	16	10	7	3	...	...	...	4	1	...	5	3	...	3	53	33	38
39	Shahpur ...	Bhera ...	17,428	7	9	16	15	6	9	...	...	...	6	3	...	6	3	2	5	48	45	39
40	Jhelum ...	Pind Dadan Khan	15,055	3	1	4	15	7	8	...	...	...	9	3	...	3	1	...	1	14	52	40
41	Rawalpindi...	Rawalpindi ...	38,334	6	8	14	18	8	10	...	...	...	11	2	...	5	2	3	5	19	24	41
42	Peshawar ...	Peshawar ...	63,079		19	28	31	20	11	...	...	...	23	1	1	6	5	2	7	23	26	42
43	Kohat ...	Kohat ...	...	Returns not received.																		43
44	D. I. Khan ...	Dera Ismail Khan	21,573	3	1	4	11	9	2	...	...	...	5	3	...	3	2	...	2	10	27	44
45	D. G. Khan...	Dera Ghazi Khan	23,899	4	3	7	12	10	2	...	...	...	6	2	...	4	4	...	4	15	26	45
	GRAND TOTAL	...	1,369,250	534	524	1,058	881	458	423	...	...	...	478	57	6	340	149	126	275	40	34	
	Hill Sanitaria.																					
	Simla ...	... ...	13,279	8	6	14	16	11	5	...	...	...	8	...	...	8	4	2	6	55	63	
	Dharmsala ...	... ...	2,778	1	1	2	4	2	2	...	...	...	2	...	...	2	2	...	2	38	75	
	Dalhousie ...	... ...	807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,459	1	...	1	1	...	1	...	...	...	1	...	...	...	...	...	...	36	36	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 26th August 1898.

C. J. BAMBER, SURGEON-MAJOR,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 13TH AUGUST 1898.

Births and Deaths in Municipal Towns.—In the 42 large Municipal towns 1,058 births were registered (534 males and 524 females), giving a birth-rate of 40 per *mille* of population; 881 deaths were registered (458 males and 423 females), giving a death-rate of 34 per *mille* of population.

C. J. BAMBER, SURGEON-MAJOR,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 26th August 1898.

Punjab Government Press, Lahore—1-9-98—690.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, SEPTEMBER 8, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 6th SEPTEMBER 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharff (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	0·58 at Sadr ... 0·56 in Bhiwáni. 0·13 in Sirsa. 1·18 in Fatahabad.	1. Sufficient ... 2. Good.	Wheat 15 seers ... Gram 19 seers. Bájra 19 seers.	Rain benefited standing crops to some extent. More is urgently required. Canal crops promising.	...
2	Delhi ...	0·26 ...	1. Sufficient ... 2. Fair.	Wheat 15¼ seers... Gram 19 seers. Bájra 20 seers.	Prospects fair ...	...
3	Umballa ...	4·01 ...	1. Sufficient ... 2. Good.	Wheat 18½ to 19½ seers. Gram 21¼ seers. Maize 29 seers.	Condition of standing crops much improved. Yield expected to be good.	...
4	Jullundur ...	Good rainfall throughout.	2. Fair ...	Wheat 20¼ seers Gram 22 seers. Barley 28 seers.	Crops in good condition ...	...
5	Ferozepore ...	0·30 at Sadr ... 0·02 in City. 0·47 in Zíra. 0·12 in Fázilka. 0·14 in Nathána.	1. Sufficient ... 2. Good.	Wheat 17 seers ... Barley 30 seers. Jowár 20 seers. Bájra 16 seers. Gram 21 seers. Maize 18 seers.	Báráni (dependent on rain) crops suffering from want of rain.	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	0·40 in Kabírwála 0·10 in Lodhrán.	2. Good.	Wheat 17 seers ...	Crops in good condition ...	Ploughings commenced.
7	Lahore ...	0·56 at Sadr ... 0·11 in Chúnián. 1·41 in Sharakpur.	1. Sufficient ... 2. Good.	Wheat 18 to 20 seers. Maize 23 to 24 seers.	Irrigation of crops going on. Dry land crops suffering from want of rain. Locusts appeared, but did no damage.	Ploughings continue.
8	Amritsar ...	0·17 average ...	1. Sufficient ... 2. Good.	Wheat 19 seers ... Maize 30 seers.	Crops in good condition. Rice crop harvesting in progress.	...
9	Siálkot ...	1·47 average ...	1. Sufficient ... 2. Good.	Wheat 17½ to 19½ seers. Rice 10½ to 11½ seers.	Prospects good ...	Sowings of gram commenced.
10	Shahpur ...	1·65 in Bhera ...	1. Sufficient ... 2. Good.	Wheat 18 to 20 seers. Bájra 20 to 24 seers.	More rain needed ...	...
11	Ráwalpindi ...	4·17 at Ráwalpindi 0·87 in Pindígheb. 0·28 in Fatahjang. 4·75 in Attock. 2·67 in Gujar Khan. 1·90 in Kahúta. 8·36 in Murree.	1. Sufficient ...	Wheat 17 seers ... Bájra 19 seers. Maize 24 seers.	Prospects average ...	...
12	Pesháwar ...	...	1. Sufficient ... 2. Good.	Wheat 15 seers ... Maize 25¾ seers.	Condition of standing crops good	...
13	D. I. Khan ...	...	1. Sufficient, except in Bhakkar Tahsíl. 2. Fair.	Wheat 17½ seers Bájra 22¾ seers.	Condition of standing crops average in 3 and bad in 2 Tahsíls. Rain badly wanted.	...

GENERAL REMARKS.

Rainfall.—Rain has fallen in all districts, except Pesháwar and Dera Ismail Khan, varying from $\frac{1}{8}$th of an inch to 4 inches.

Prices.—Prices rising in Dera Ismail Khan; falling in Umballa, Jullundur, Mooltan, Lahore, Siálkot, Ráwalpindi and Pesháwar and unchanged elsewhere. Wheat is selling from 15 to 20¾, gram 19 to 22, barley 28 to 30, bulrush millet 16 to 24, maize 18 to 30, great millet 20 and rice 10½ to 11½ seers per rupee.

Agricultural operations.—Irrigation of autumn crops going on. Ploughings for spring crops continue.

Crops and outturn.—Condition of standing crops is generally reported good. It is average in 3 and bad in 2 Tahsíls of Dera Ismail Khan. Recent rain has benefited the crops, but more is wanted in some districts. Prospects of autumn crops are said to be good to average.

Damage done to crops.—Locusts appeared in parts of Lahore, but did no damage.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient in all districts, except in parts of Dera Ismail Khan.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

AGRICULTURAL PROSPECT REPORT OF THE RAWALPINDI DISTRICT FOR THE MONTH OF JULY 1898 RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO THE PUNJAB GAZETTE DATED 18TH AUGUST 1898.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			Rainfall of present year.				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st July.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st July 1898.	Total.	Condition of crops and cattle, and health of people.
Rawalpindi.	Pindigheb ...	5·01	7·18	4·09	3·79	5·55	5·96	11·51	Kharff prospects good. Health of people good. Locusts passed through Pindigheb Tahsīl, but did no damage.
	Fatahjang ...	6·99	5·22	3·00	6·91	6·95	8·19	15·14	
	Attock ...	6·51	5·85	3·77	10·17	7·42	10·54	17·96	
	Rawalpindi ...	8·87	12·44	7·19	8·41	6·63	9·84	16·47	
	Gujar Khan ...	7·53	10·19	6·89	11·23	6·13	14·29	20·42	
	Kahūta ...	8·69	13·85	11·35	13·17	6·54	17·08	23·62	
	Murree ...	9·53	21·99	11·43	16·70	12·93	23·33	36·26	

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	2			3			4			5		
	QUANTITIES PER RUPEE BY THE											
	Wheat.			Barley.			Rice (best sort).			Rice (commo		
DISTRICTS.	Present fortnight ending 31st August 1898.	Past fortnight ending 15th August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st August 1898.	Past fortnight ending 15th August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st August 1898.	Past fortnight ending 15th August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st August 1898.	Past fortnight ending 15th August 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	16	16	10	24	24	12	...	...	...	10	10	6
Rohtak ...	15	15	10	23	23	12	...	...	...	10	10	7
Gurgaon ...	15	14	10	24	25	14	...	...	...	8	8	7
Delhi ...	16	15	10	24	23	12	...	...	...	10	10	7
Karnál ...	17	17	9	26	28	11	...	...	...	8	8	7
Umballa ...	18	19	10	26	26	11	...	...	...	10	10	7
Simla ...	14	14	8	18	17	11	..	...	...	9	8	5
Kángra ...	20	18	11	24	23	16	...	...	...	12	11	8
Hoshiárpur ...	20	19	11	26	26	13	...	...	...	11	11	7
Jullundur ...	21	19	11	28	26	13	...	...	...	8	8	7
Ludhiána ...	19	18	11	31	29	13	...	...	...	9	9	6
Ferozepore ...	17	17	10	29	29	12	...	...	...	7	7	7
Mooltan ...	15	15	10	22	23	11	...	...	...	14	14	9
Jhang ...	19	21	11	25	25	13	...	...	...	9	8	8
Montgomery ...	17	17	10	§	22	‡	...	...	...	10	10	6
Lahore ...	18	17	10	30	‡	13	...	...	...	10	10	7
Amritsar ..	18	17	10	29	27	12	...	...	...	10	10	6
Gurdáspur ...	21	20	10	32	36	13	...	...	...	11	10	7
Siálkot ...	18	17	10	31	29	12	...	...	...	11	11	6
Gujrát ...	17	19	10	28	30	12	...	...	...	9	9	7
Gujránwála ...	19	17	10	28	32	13	...	...	...	10	10	7
Shahpur ...	20	22	12	28	30	14	...	...	...	7	7	5
Jhelum ...	19	20	10	26	27	12	...	...	...	10	10	8
Ráwalpindi ...	17	16	9	28	29	11	...	...	...	8	8	6
Hazára ...	16	17	10	26	28	16	...	...	...	8	8	6
Peshávar ...	15	16	9	28	30	12	...	...	...	8	8	6
Kohát ...	15	17	8	21	26	10	...	...	...	12	11	7
Bannu ..	20	23	10	31	39	14	...	...	...	12	12	7
D. I. Khan ...	18	19	10	23	24	12	...	...	...	6	6	5
D. G. Khan ...	16	16	11	21	21	13	...	...	...	12	13	6
Muzaffargarh	17	17	11	21	21	13	...	...	...	15	15	8

† Not pro
‡ Not sold.
§ Not pre

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST AUGUST 1898.

ORDINARY SEER OF 80 TOLAS.

6			7			1	
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*				
Present fortnight ending 31st August 1898.	Past fortnight ending 15th August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st August 1898.	Past fortnight ending 15th August 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
19	18	10	18	19	9	Hissar.	
20	21	10	19	18	10	Rohtak.	
22	22	12	22	21	11	Gurgaon.	
21	20	10	20	20	11	Delhi.	
20	20	10	20	16	5	Karnál.	
25	25	11	20	20	9	Umballa.	
20	20	7	16	16	8	Simla.	
†	†	†	†	†	†	Kángra.	
22	20	13	16	16	9	Hoshiárpur.	
20	20	12	19	18	8	Jullundur.	
25	24	11	20	19	8	Ludhiána.	
25	25	12	16	16	8	Ferozepore.	
22	18	12	18	18	8	Mooltan.	
23	23	6	16	17	6	Jhang.	
§	‡	§	§	§	†	Montgomery.	
24	22	12	21	19	7	Lahore.	
22	24	10	17	17	7	Amritsar.	
24	24	10	11	11	10	Gurdáspur.	
31	31	10	18	15	§	Siálkot.	
17	16	8	17	16	8	Gujrát.	
25	28	12	17	17	8	Gujránwála.	
20	19	8	20	18	8	Shahpur.	
22	22	12	21	21	10	Jhelum.	
24	25	11	20	22	8	Ráwalpindi.	
§	§	§	16	18	§	Hazára.	
3[illegible]	27	8	19	17	9	Pesháwar.	
§	§	§	21	26	10	Kohát.	
41	41	8	28	40	10	Bannu.	
29	27	10	23	25	10	D. I. Khan.	
21	18	11	23	23	10	D. G. Khan.	
18	18	9	16	16	§	Muzaffargarh.	

duced.

curable.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	8			9			10			11		
	QUANTITIES PER RUPEE BY											
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 31st August 1898.	Past fortnight ending 15th August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st August 1898.	Past fortnight ending 15th August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st August 1898.	Past fortnight ending 15th August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st August 1898.	Past fortnight ending 15th August 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	20	21	9	†	†	9
Rohtak ...	†	†	†	10	10	10	19	18	9	19	18	9
Gurgaon ...	†	†	†	†	†	†	18	18	9	16	16	11
Delhi ...	†	†	†	12	12	9	19	17	9	23	23	11
Karnál ...	24	24	10	8	8	7	19	19	9	20	20	10
Umballa ...	§	§	§	16	16	8	20	23	9	29	29	11
Simla ...	18	18	10	10	8	7	16	15	8	22	22	10
Kángra ...	§	§	§	‡	‡	‡	16	16	9	24	24	11
Hoshiárpur ...	20	18	§	12	10	8	23	22	9	28	26	13
Jullundur ...	§	§	§	18	18	13	22	21	9	22	24	11
Ludhiána ...	†	†	†	15	15	11	23	21	9	27	26	11
Ferozepore ...	†	†	†	16	16	8	22	21	9	18	18	10
Mooltan ...	†	†	†	16	16	†	18	19	9	16	16	9
Jhang ...	24	24	8	24	28	14	18	19	8	24	21	7
Montgomery ...	§	§	§	§	§	†	21	21	8	§	§	‡
Lahore ...	§	§	§	22	21	13	22	20	8	23	21	9
Amritsar ...	§	§	†	19	17	13	22	20	9	27	24	10
Gurdáspur ...	§	§	§	12	12	10	22	23	9	24	24	11
Siálkot ...	§	§	§	§	§	§	19	20	8	§	§	§
Gujrát ...	†	†	†	§	†	†	18	20	10	17	16	8
Gujránwála ...	†	†	†	16	16	12	22	20	8	17	17	9
Shahpur ...	24	24	14	16	16	14	23	27	9	16	16	8
Jhelum ..	‡	‡	‡	‡	‡	‡	21	22	9	24	24	10
Ráwalpindi ...	‡	‡	‡	13	13	11	19	19	8	23	24	10
Hazára ...	†	†	†	§	§	§	14	15	8	22	23	10
Peshávar ..	†	†	†	17	17	10	15	17	7	25	26	10
Kohát ..	†	†	†	§	§	§	16	18	8	21	24	9
Bannu ..	13	13	8	7	7	8	22	26	9	39	48	10
D. I. Khan ...	§	§	§	‡	‡	4	20	20	9	‡	‡	9
D. G. Khan ...	§	§	§	§	§	§	17	18	9	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	17	19	10	§	§	§

† Not pro
‡ Not sold,
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST AUGUST 1898—*continued.*

THE ORDINARY SEER OF 80 TOLAS.

12			13			1	
Arhur or Thur, Cadjan Pea (Cajanus Indicus).			*Firewood.*				
Present fortnight ending 31st August 1898.	Past fortnight ending 15th August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st August 1898.	Past fortnight ending 15th August 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
†	†	†	100	100	100	Hissar.	
13	13	10	120	120	120	Rohtak.	
18	18	11	140	140	140	Gurgaon.	
21	20	11	90	90	100	Delhi.	
16	14	9	160	160	160	Karnál.	
§	§	§	160	160	160	Umballa.	
9	9	6	80	80	70	Simla.	
12	12	7	100	100	100	Kángra.	
8	8	8	130	130	130	Hoshiárpur.	
§	§	§	100	100	110	Jullundur.	
10	10	7	100	105	110	Ludhiána.	
10	10	7	100	100	90	Ferozepore.	
†	†	†	80	80	110	Mooltan.	
6	6	8	160	160	160	Jhang.	
§	§	6	250	250	310	Montgomery.	
11	11	7	78	78	90	Lahore.	
‡	‡	§	90	90	110	Amritsar.	
§	§	§	100	100	120	Gurdáspur.	
§	§	§	130	130	130	Siálkot.	
†	†	†	140	140	110	Gujrát.	
‡	‡	†	95	95	95	Gujránwála.	
†	†	†	160	160	160	Shahpur.	
‡	‡	‡	120	120	120	Jhelum.	
‡	‡	10	65	65	75	Ráwalpindi.	
†	†	†	81	81	72	Hazára.	
14	13	10	55	55	56	Pesháwar.	
†	[illegible]	†	81	82	102	Kohát.	
5	5	7	70	70	70	Bannu.	
‡	‡	5	125	125	125	D. I. Khan.	
§	§	§	100	100	100	D. G. Khan.	
8	§	7	140	140	140	Muzaffargarh.	

Firewood.—Prices average 115 seers as compared with 114 seers in last fortnight and 119 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Seers.	Seers.	Seers.
Delhi	...	100	90	90
Ferozepore	...	90	100	100
Montgomery	...	310	250	250
Gujrát	...	110	140	140
Kohát	...	102	82	81

duced.

curable.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt					
Districts.	Present fortnight ending 31st August 1898.		Past fortnight ending 15th August 1898.		Corresponding fortnight of 1897.	
	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 0	11 0	11 0	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 4	12 0	12 0	11 0
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 13
Simla	10 0	9 0	9 0	8 0	9 0	8 4
Kángra	*	10 0	*	10 0	*	10 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	12 0	13 0	12 0	13 0	12 8
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 10
Mooltan	12 8	12 0	12 8	12 0	12 8	12 8
Jhang	11 12	11 8	12 0	11 12	12 4	12 0
Montgomery	12 12	12 8	12 12	12 0	12 12	12 8
Lahore	13 10	12 14	13 7	12 11	13 6	12 13
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 12
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	13 12	13 8	13 12	13 8	13 12	13 8
Shahpur	13 8	13 0	13 8	13 0	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	13 14	13 8	13 14	13 8	13 14	13 12
Hazára	*	11 8	*	11 8	*	11 0
Peshávar	16 0	15 0	16 0	15 0	14 0	13 0
Kohát	19 4	16 8	19 4	16 8	17 14	15 2
Bannu	18 12	17 8	20 0	18 12	23 0	21 0
D. I. Khan	14 4	14 0	14 4	14 0	16 14	16 0
D. G. Khan	‡	10 10	11 4	10 0	13 2	11 14
Muzaffargarh	12 0	12 0	12 4	12 0	12 8	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pre

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST AUGUST 1898—concluded.

15			16			1
THE ORDINARY SEER OF 80 TOLAS.						
Gur.			*Cotton (unginned).*			
Present fortnight ending 31st August 1898.	Past fortnight ending 15th August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st August 1898.	Past fortnight ending 15th August 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
9 0	9 0	9 0	7 0	7 0	7 0	Hissar.
10 0	10 0	10 0	10 0	10 0	8 0	Rohtak.
9 0	9 0	9 0	9 0	9 0	9 0	Gurgaon.
8 0	8 0	8 0	9 0	9 0	6 0	Delhi.
11 0	10 0	10 0	10 0	11 0	10 0	Karnál.
9 0	8 8	9 8	11 8	11 0	8 0	Umballa.
6 0	7 0	5 0	†	†	†	Simla.
6 0	7 0	6 0	6 0	6 0	6 0	Kángra.
7 8	7 8	8 0	10 0	10 0	8 0	Hoshiárpur.
7 0	7 0	8 0	11 0	11 0	9 8	Jullundur.
6 6	7 0	6 12	8 0	8 0	7 4	Ludhiána.
6 12	6 12	7 12	7 12	7 12	7 12	Ferozepore.
7 0	7 0	7 0	8 0	8 0	7 0	Mooltan.
8 8	8 0	8 0	12 0	11 0	8 0	Jhang.
8 0	8 0	7 0	10 0	10 0	‡	Montgomery.
7 8	7 6	7 14	9 8	9 2	8 8	Lahore.
7 10	8 4	8 4	9 12	9 12	8 4	Amritsar.
8 8	8 8	8 8	9 0	9 0	7 0	Gurdáspur.
8 0	8 0	8 12	8 0	8 0	7 4	Siálkot.
8 0	8 0	8 0	9 0	9 0	7 0	Gujrát.
8 0	8 4	8 2	9 8	10 0	8 0	Gujránwála.
7 8	7 8	8 0	10 0	10 0	10 0	Shahpur.
9 8	8 8	9 12	‡	‡	‡	Jhelum.
8 0	8 0	7 12	8 12	8 12	8 12	Ráwalpindi.
6 12	6 2	6 4	§	§	§	Hazára.
6 5	6 10	5 12	9 3	8 12	9 2	Peshâwar.
7 2	7 1	4 15	11 8	11 8	11 8	Kohát.
10 10	10 15	10 5	8 12	8 12	10 0	Bannu.
8 6	8 6	9 0	‡	‡	10 0	D. I. Khan.
6 4	6 4	6 4	10 10	10 10	§	D. G. Khan.
7 8	7 8	8 8	11 0	11 0	8 0	Muzaffargarh.

sale salt sold.
duced.

curable.

REMARKS ON CURRENT VARIATIONS.

Lahori Salt.—Prices average 12 seers 4 chatáks as compared with 12 seers 4 chatáks in last fortnight and 12 seers 5 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Delhi ...	11 0	12 0	12 0
Ludhiána ...	12 8	12 0	12 0
Mooltan ...	12 8	12 0	12 0
Ráwalpindi ...	13 12	13 8	13 14

Kohát Salt.—Prices average 14 seers 12 chatáks as compared with 15 seers 1 chaták in last fortnight and 15 seers 6 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Bannu ...	21 0	18 12	17 8
D. G. Khan ...	11 14	10 0	10 10

Gur.—Prices average 7 seers 15 chatáks as compared with 7 seers 15 chatáks in last fortnight and 8 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Karnál ...	10 0	10 0	11 0
Ferozepore ...	7 12	6 12	6 12
Montgomery ...	7 0	8 0	8 0
Siálkot ...	8 12	8 0	8 0
Kohát ...	4 15	7 1	7 2
Muzaffargarh ...	8 8	7 8	7 8

Cotton (unginned).—Prices average 9 seers 6 chatáks as compared with 9 seers 6 chatáks in last fortnight and 8 seers 4 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Delhi ...	6 0	9 0	9 0
Hoshiárpur ...	8 0	10 0	10 0
Jhang ...	8 0	11 0	12 0
Gujrát ...	7 0	9 0	9 0
Bannu ...	10 0	8 12	8 12
Muzaffargarh ...	8 0	11 0	11 0

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS

1	2	3	4	5	6	7	8	9	10	11	12
	Wholesale Price per maund of 82$\frac{2}{7}$ lbs.										
Name of District.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi	2 8 0	3 10 2	2 6 9	1 10 1	1 14 6	1 15 3	1 11 10	2 1 9	2 15 5	4 0 0	3 5 4
Ferozepore ...	2 0 0	5 11 5	2 5 8	1 6 0	1 9 0	2 8 0	2 3 6	1 13 0	4 0 0	4 7 1	5 0 0
Mooltan	1 7 8	2 12 1	2 10 0	1 13 0	1 11 10	2 1 6	2 5 9	2 2 7	...	4 0 0	3 10 2
Lahore	1 14 6	3 12 11	2 1 9	1 4 0	1 10 1	1 13 9	1 11 3	1 11 7	3 8 10	3 3 2	3 6 4
Amritsar	1 13 1	4 0 0	2 2 7	1 5 4	...	...	...	1 12 2	...	3 1 3	3 4 9
Ráwalpindi ...	1 11 10	5 5 1	2 6 2	1 7 0	1 10 9	2 1 6	1 11 9	2 0 0	3 13 0	3 1 3	3 12 0

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 31ST AUGUST 1898.

OR 40 SEERS OF 80 TOLAS EACH.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
Poppy seed.	Til (Jinjili seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.
20 0 0	5 0 0	4 13 7	11 0 6	36 9 1	3 1 3	8 0 0	11 6 10	...	0 5 9	0 8 0	0 5 9	125 0 0	60
5 11 5	5 0 0	5 11 5	13 5 4	38 0 0	2 12 2	5 0 0	12 4 11	42 8 0	0 4 0	0 5 9	0 5 0	75 0 0	50
6 10 8	5 0 0	5 5 4	12 5 0	35 8 9	3 4 3	10 0 0	13 5 4	...	0 4 11	0 7 0	...	70 0 0	50
4 10 2	4 11 3	5 2 7	12 8 9	35 8 11	2 8 6	5 11 5	12 4 11	32 8 0	0 10 8	0 7 1	...	112 8 0	100
...	4 9 2	...	12 12 2	...	2 6 3	3 4 0	...	...	...	0 5 10	...	...	85
5 0 0	4 0 0	4 13 7	14 10 0	30 0 0	2 13 9	4 0 0	12 13 0	29 0 0	0 6 5	0 9 10	0 10 8	60 0 0	60

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 20TH AUGUST 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	6	2	8	11	8	3	...	...	...	5		...	6	2	1	3	25	34	1
2		Hansi ...	15,190	5	10	15	10	7	3	...	...	...	3	...	..	7	3	1	4	5[illegible]	34	2
3		Bhiwani ...	35,487	14	20	34	32	18	14	..	..	...	12	4	...	16	1	4	5	50	47	3
4		Sirsa ...	16,415	5	1	6	6	2	4	...	..	...	5	...	..	1	...	1	1	19	19	4
5	Rohtak ...	Rohtak ...	16,191	10	7	17	12	6	6	...	.	...	7	...	...	5	4	1	5	55	39	5
6		Jhajjar ...	11,881	6	5	11	9	5	4	..	..	...	2	...	...	7	3	3	6	46	39	6
7	Gurgaon ...	Rewari ...	27,934	17	13	30	19	9	10		...	...	8	1	1	9	5	3	8	56	35	7
8		Palwal ...	11,227	10	5	15	12	8	4		...	...	8	1	...	3	3	1	4	70	56	8
9	Delhi ...	Delhi ...	189,648	107	86	193	142	83	59	...	...	...	78	6	4	54	24	15	39	63	39	9
10		Sonepat ...	12,611	8	7	15	8	2	6	...	...	1	5	...	...	2	1	2	3	62	33	10
11	Karnal ...	Karnal ...	21,530	6	7	13	18	9	9	...	..	...	10	2	...	6	4	5	9	31	44	11
12		Kaithal ...	15,768	8	9	17	17	7	10	...	...	...	8	1	2	6	1	2	3	56	56	12
13		Panipat ...	27,547	16	15	31	22	12	10	..		...	12	1	...	9	8	4	12	59	42	13
14		Shahabad ...	11,473	4	5	9	3	1	2	...	..	...	1	...	...	2	1	1	2	41	14	14
15	Umballa ...	Umballa ...	26,856	15	16	31	18	7	11	...	..	..	6	4	...	8	4	7	11	60	35	15
16		Jagadhri ...	13,029	3	3	6	4	1	3	..	...	..	1	...	...	3	...	2	2	24	16	16
17		Sadhaura ...	10,445	2	2	4	2	1	1	...	..	..	...	1	...	1	1	1	2	20	10	17
18	Hoshiarpur...	Hoshiarpur ...	17,546	6	7	13	14	6	8	...	..	..	7	6	..	1	2	5	7	39	4[illegible]	18
19		Tanda and Urmar	11,632	3	5	8	4	3	1	...	...		2	...	...	2	1	1	2	36	18	19
20	Jullundur ...	Jullundur ...	50,375	22	16	38	32	13	19	...	...	...	14	3	...	15	4	8	12	39	33	20
21		Rahon ...	10,667	2	4	6	3	1	2	...	...	...	...	...	...	3	...	1	1	29	15	21
22		Kartarpur ...	10,441	4	3	7	4	1	3	...	...	...	2	1	...	1	...	1	1	35	20	22
23	Ludhiana ...	Ludhiana ...	46,024	2	6	8	27	17	10	...	...	...	18	...	...	9	7	4	11	9	31	23
24		Jagraon ...	18,116	10	6	16	13	5	8	...	...	...	10	1	...	2	2	3	5	[illegible]	37	24
25	Ferozepore...	Ferozepore ...	25,337	6	7	13	7	3	4	...	...	...	5	2	...	...	1	...	1	27	14	25
26	Mooltan ...	Mooltan ...	64,265	31	22	53	25	12	13	...	...	...	8	...	1	16	3	5	8	43	20	26
27	Jhang ...	Maghian ...	13,866	8	4	12	12	5	7	...	...	...	4	2	...	6	3	2	5	45	45	27
28		Chiniot ...	13,476	6	18	24	19	10	9	...	...	...	7	1	...	11	2	2	4	93	74	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	54	47	101	126	63	63	...	...	...	68	9	3	46	18	15	33	33	41	29
30		Kasur ...	20,290	6	5	11	15	6	9	...	...	...	7	...	...	8	2	5	7	28	39	30
31		Chunian ...	10,339	3	7	10	7	4	3	...	...	...	3	...	...	4	1	2	3	50	35	31
32	Amritsar ...	Amritsar ...	135,401	59	50	109	109	52	57	...	...	...	62	...	3	44	12	20	34	42	42	32
33	Gurdaspur ...	Batala ...	27,223	19	...	19	14	6	8	...	...	...	6	...	...	8	2	5	7	36	27	33
34	Sialkot ...	Sialkot ...	33,965	24	16	40	40	21	19	...	...	...	17	3	...	20	10	6	16	61	61	34
35	Gujrat ...	Gujrat ...	17,671	11	10	21	11	7	4	...	...	...	6	1	...	4	4	3	7	62	32	35
36		Jalalpur ...	11,065	4	4	8	11	7	4	...	...	...	6	1	...	4	3	2	5	38	52	36
37	Gujranwala...	Gujranwala ...	25,892	12	11	23	12	5	7	...	...	...	10	...	...	2	1	1	2	46	24	37
38		Wazirabad ...	15,786	5	1	6	12	8	4	...	...	...	6	3	...	3	4	1	5	20	40	38
39	Shahpur ...	Bhera ...	17,428	5	11	16	9	4	5	...	...	...	3	2	...	4	3	1	4	48	27	39
40	Jhelum ...	Pind Dadan Khan	15,055	1	6	7	11	5	6	...	...	...	6	3	...	2	...	2	2	24	38	40
41	Rawalpindi...	Rawalpindi ...	38,334	8	9	17	23	10	13	...	...	...	12	4	...	7	2	3	5	23	31	41
42	Peshawar ...	Peshawar ...	63,079	22	11	33	26	18	8	...	...	...	22	1	1	2	5	4	9	27	21	42
43	Kohat ...	Kohat ...	...	Returns not received.																		43
44	D. I. Khan ...	Dera Ismail Khan	21,573	3	1	4	14	8	6	...	...	...	11	2	...	1	...	1	1	10	34	44
45	D. G. Khan...	Dera Ghazi Khan	23,899	1	4	5	14	9	5	...	...	...	13	...	...	1	3	2	5	11	31	45
	Grand Total	...	1,398,428	579	504	1,083	959	495	464	...	...	1	506	66	15	371	160	159	319	40	36	
	Hill Sanitaria.																					
	Simla ...	...	13,279	5	1	6	6	4	2	...	...	...	4	...	...	2	1	1	2	24	24	
	Dharmsala ...	...	2,778	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	19	
	Dalhousie ...	...	807	...	1	1	4	2	2	...	...	...	1	...	...	3	2	...	2	65	258	
	M[illegible]e ...	...	1,459	...	1	1	1	1	...	...	...	...	...	...	...	1	...	...	...	36	36	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 3rd September 1898.

C. J. BAMBER, SURGEON-MAJOR,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 20TH AUGUST 1898.

Births and Deaths in Municipal Towns.—In the 44 large Municipal towns 1,083 births were registered (579 males and 504 females), giving a birth-rate of 40 per *mille* of population; 959 deaths were registered (495 males and 464 females), giving a death-rate of 36 per *mille* of population.

W. A. CRAWFORD ROE, F. R. C. S., BDE.-SURG.-LIEUT.-COL.,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 3rd September 1898.

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

Abstr[illegible] of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of July 1898 as compared with the same month of the previous year.

	Staples.	Total 1898.	Total 1897.	Increase.	Decrease.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
I	Coal and Coke carried for the Public and Foreign Railways	3,685	3,792	...	107	
II	Cotton, Raw—					
	(1) Full pressed	1,917	4,173	...	2,256	
	(2) Intermediate and half pressed ...	14	71	...	57	
	(3) Unpressed	459	726	...	267	
III	Cotton, Manufactured—					
	(1) Twist and Yarn, European ...	252	123	129	...	
	(2) Twist and Yarn, Indian ...	781	540	241	...	
	(3) Piece-goods, European ...	1,381	1,037	344	...	
	(4) Piece-goods, Indian	954	1,022	...	68	
IV	Drugs and Chemicals—					
	(1) Intoxicating other than opium ...	21	4	17	...	
	(2) Non-intoxicating—					
	(a) Cinchona bark	...	...	...	...	
	(b) Others	17	43	...	26	
V	Dyes and Tans—					
	(1) Indigo	19	12	7	...	
	(2) Myrabolams	31	10	21	...	
	(3) Cutch	3	4	...	1	
	(4) Turmeric	123	77	46	...	
	(5) Aniline dyes	76	62	14	...	
	(6) Others	162	132	30	...	
VI	Grain and Pulse—					
	(1) Wheat	7,858	16,920	...	9,071	
	(2) Rice in the husk	117	148	...	31	
	(3) Rice not in the husk	1,389	1,221	168	...	
	(4) Jowár and Bájra	10,415	1,607	8,808	...	
	(5) Gram and Pulse	5,081	4,082	999	...	
	(6) Others	4,407	8,435	...	4,028	
VII	Hides and Skins—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	82	176	...	94	
	(b) Raw	182	225	...	43	
	(2) Skins of sheep, &c.—					
	(a) Dressed or tanned ...	60	9	51	...	
	(b) Raw	163	242	...	79	
VIII	Horns	1	100	...	99	
IX	Jute—					
	(1) Raw	35	69	...	34	
	(2) Gunny bags and cloth	1,071	862	209	...	
X	Lac—					
	(1) Stick	10	12	...	2	
	(2) Shell	6	10	...	4	
XI	Leather, Manufactured	35	27	8	...	
XII	Liquors—					
	(1) Beer	180	196	...	16	
	(2) Spirits	...	1	...	1	
	(3) Wines	44	58	...	14	
XIII	Metals—					
	(1) Copper, unwrought	75	32	43	...	
	(2) Brass, unwrought	197	119	78	...	
	(3) Copper, wrought	28	21	7	...	
	(4) Brass, wrought	110	105	5	...	
	(5) Iron	1,937	1,784	153	...	
	(6) Others	247	425	...	178	
XIV	Oils—					
	(1) Kerosene	576	478	98	...	
	(2) Castor	53	16	37	...	
	(3) Cocoanut	40	32	8	...	
	(4) Others	206	212	...	6	

	Staples.	Total 1898.	Total 1897.	Increase.	Decrease.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
XV	Oil-seeds—					
	(1) Linseed	527	375	152	...	
	(2) Rape and Mustard	4,148	8,957	...	4,809	
	(3) Til or Jinjili	228	144	84	...	
	(4) Poppy	800	434	366	...	
	(5) Earthnuts	14	...	14	...	
	(6) Castor	194	1,067	...	873	
	(7) Others	2,058	1,048	1,010	...	
XVI	Opium	372	472	...	100	
XVII	Paper and Paste-board	45	183	...	138	
XVIII	Provisions—					
	(1) Ghi	240	503	...	263	
	(2) Dried Fruits and Nuts ...	382	323	59	...	
	(3) Others	772	667	105	...	
XIX	Railway Plant and Rolling Stock carried for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders and parts thereof	296	78	218	...	
	(2) Carriages and trucks and parts thereof	559	47	512	...	
	(3) Materials—					
	(*a*) Steel rails and fish-plates ...	985	795	190	...	
	(*b*) Sleepers and keys of steel and cast-iron	2,240	625	1,615	...	
	(*c*) Other sorts	3,975	820	3,155	...	
XX	Salt	23,440	20,734	2,706	...	
XXI	Saltpetre, &c.—					
	(1) Saltpetre	302	593	...	291	
	(2) Other saline substances ...	450	13	437	...	
XXII	Silk, Raw—					
	(1) Foreign	28	46	...	18	
	(2) Indian	...	1	...	1	
XXIII	Silk Piece-Goods—					
	(1) Foreign	...	...	...	...	
	(2) Indian	...	...	...	...	
XXIV	Spices—					
	(1) Betelnuts	29	39	...	10	
	(2) Pepper	22	15	7	...	
	(3) Ginger	39	8	31	...	
	(4) Chillies	197	125	72	...	
	(5) Cardamoms	4	1	3	...	
	(6) Others	278	158	120	...	
XXV	Stone and Lime	2,156	1,916	240	...	
XXVI	Sugar—					
	(1) Refined or crystallized, including sugarcandy.	3,544	2,828	716	...	
	(2) Unrefined, *viz.*, molasses and jaggery or gur and other saccharine produce.	3,391	2,481	910	...	
XXVII	Tea—					
	(1) Foreign	1	4	...	3	
	(2) Indian	40	3	37	...	
XXVIII	Timber	1,086	949	137	...	
XXIX	Tobacco—					
	(1) Unmanufactured	1,975	1,404	571	...	
	(2) Manufactured—					
	(*a*) Cigars	8	38	...	30	
	(*b*) Other sorts	206	97	109	...	
XXX	Wool, Raw	299	220	79	...	
XXXI	Wool, Manufactured—					
	(1) Piece-goods, European ...	22	3	19	...	
	(2) Piece-goods, Indian	11	31	...	20	
	(3) Shawls	1	...	1	...	
XXXII	All other articles of merchandise—					
	(1) Firewood	541	616	...	75	
	(2) Hay and Grass	10	47	...	37	
	(3) Mowra flowers and seeds ...	293	148	145	...	
	(4) Others	8,347	8,591	...	244	
	Total ...	109,055	107,108	25,341	23,394	
	Net Increase ...	...	...	1,947	...	

Traffic Audit Office,
Ajmere:
The 23rd August 1898.

A. WARREN JONES,
Acting Chief Auditor and Accountant.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for *week ended* 20*th August* 1898 ***on*** 162·24 ***miles open.***

	Coaching Traffic.		*Merchandise and Mineral Traffic.*				*Traffic train-miles run.*		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	*16,712	*14,432 6 0	89,187 10	10,149 3 0	55 0 0	24,636 9 0	6,719	2,823	9,542
Or per mile of Railway	...	88 15 4	...	62 8 11	0 5 5	151 13 8	...	...	...
For previous 6 3/7 weeks of half year	†113,569	†91,777 13 0	‡375,730 30	‡46,669 13 0	§345 0 0	1,38,792 10 0	44,581	18,028	62,609
Total for 7 3/7 weeks ...	130,281	1,06,210 3 0	464,918 0	56,819 0 0	400 0 0	1,63,429 3 0	51,300	20,851	72,151
COMPARISON.									
Total for corresponding week of previous year ...	18,453	21,448 2 2	61,307 30	9,173 12 0	68 11 0	30,690 9 2	9,593	4,354	13,947
Per mile of Railway corresponding week of previous year.	...	132 3 2	...	56 8 9	0 6 9	189 2 8	...	...	...
Total for corresponding 7 3/7 weeks of previous year ...	127,851½	1,24,731 4 2	519,284 10	77,407 2 0	559 8 6	2,02,697 14 8	58,014	27,168	85,182

* The decrease is due to troop and mule special trains and Commissariat stores booked in the corresponding period of 1897 for the frontier expedition.
† Added No. of passengers 533 and deducted Rs. 1,154 }
‡ Deducted Mds. 7,187 and added " 422 } on account of difference between the Approximate and Audited figures for the week ended 16th July 1898.
§ Ditto " 17 }

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 25*th August* 1898.

J. A. MARSHALL,
for *Acting Chief Auditor.*

Punjab Government Press, Lahore—8-9-98—690.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, SEPTEMBER 15, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 13th SEPTEMBER 1898

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharíf (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 15 seers ... Gram 19 seers. Bájra 18 seers.	Crops withered from want of rain. Canal crops promising.	...
2	Delhi ...	0·11 ...	1. Sufficient ... 2. Fair.	Wheat 15¼ seers... Gram 19 seers. Bájra 21½ seers.	Prospects fair ...	...
3	Umballa ...	2·54 ...	1. Sufficient ... 2. Good.	Wheat 19½ seers... Gram 21½ seers. Maize 29 seers.	Condition of standing crops good. Young locusts appeared in parts, but have been destroyed.	Ploughings commenced.
4	Jullundur ...	Rainfall throughout.	2. Good ...	Wheat 20½ seers Gram 22 seers. Barley 28 seers.	Crops in good condition. Maize weeding commenced.	Ditto.
5	Ferozepore ...	...	1. Sufficient ... 2. Good.	Wheat 17 seers ... Barley 30 seers. Jowár 20 seers. Bájra 16 seers. Gram 21 seers. Maize 18 seers.	Rain badly wanted. ...	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharîf (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	2. Good ...	Wheat 17 seers ...	Crops in good condition ...	Sowings commenced.
7	Lahore ...	...	1. Sufficient ... 2. Good.	Wheat 18 to 20 seers. Maize 24 to 24½ seers.	Irrigation of crops in progress. Bárâni (dependent on rain) suffering from want of rain. Irrigated crops in fairly good condition.	Crops are being sown.
8	Amritsar ...	0·21 average ...	1. Sufficient ... 2. Good.	Wheat 19 seers ... Maize 30 seers.	Rice crop harvesting in progress Crops in good condition.	Ploughings commenced.
9	Siálkot ...	0·76 average ...	1. Sufficient ... 2. Good.	Wheat 17 to 18½ seers. Rice 10½ to 11½ seers.	Prospects good ...	Sowings in progress.
10	Shahpur ...	...	1. Sufficient ...	Wheat 17 to 20 seers. Bájra 20 to 25 seers.	Rain badly wanted ...	...
11	Ráwalpindi ...	1·40 at Sadr ... 0·10 in Pindígheb. 1·96 in Fatahjang. 2·41 in Attock. 1·49 in Gujar Khan. 2·41 in Kahúta. 1·37 in Murree.	1. Sufficient ...	Wheat 17¼ seers Bájra 20 seers. Maize 24 seers.	Prospects average ...	...
12	Pesháwar ...	Slight rainfall ...	1. Sufficient ... 2. Good.	Wheat 15⅛ seers Maize 25¾ seers.	Condition of standing crops good	...
13	D. I. Khan ...	...	1. Getting scarce. 2. Fair.	Wheat 17½ seers Bájra 22¾ seers.	Condition of crops average in Tánk, indifferent in Bhakkar, Leiah and Kuláchi Tahsíls and almost a failure in Dera. Rain badly wanted.	...

GENERAL REMARKS.

Rainfall.—Rain ranging from 2½ inches to $\frac{1}{10}$th of an inch has fallen in Delhi, Umballa, Amritsar, Siálkot and Ráwalpindi. A slight fall is also reported from Jullundur and Pesháwar.

Prices.—Rising slightly in Jullundur and Siálkot; falling in Ráwalpindi and Pesháwar; stationary elsewhere. Wheat is selling from 15 to 20½, gram 19 to 22, barley 28 to 30, bulrush millet 16 to 25, maize 18 to 30, great millet 20 and rice 10½ to 11½ seers per rupee.

Agricultural operations.—Harvesting of rice has commenced in Amritsar. Irrigation of standing crops going on. Weeding of maize and ploughings and sowings of spring crops have also commenced.

Crops and outturn.—Condition and prospects of standing crops are generally reported good, but are only average in Ráwalpindi. The condition of crops is indifferent in three Tahsíls of the Dera Ismail Khan District and almost a failure in one Tahsíl. Crops on dry land are generally withering from want of rain, which is badly wanted in most districts.

Damage done to crops.—Young locusts appeared in parts of Umballa, but have been destroyed.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient in all districts, except Dera Ismail Khan.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING JULY 1898.

Station.	Pressure.		Wind.		Temperature in shade.								
	Barometer at 8 A. M.	Variation from normal.	Mean direction and force in July 1898.	Normal direction and force in July.	8 A. M.	Mean maximum.	Variation from normal.	Mean minimum.	Variation from normal.	Mean monthly variation from normal.	Humidity.	Vapour tension.	Amount of cloud (10 overcast).
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Delhi ...	29·489	— ·007	S. 69° E. 6	S. 45° E. 4	84·2	94·0	0	80·6	+ 0·1	+ 0·1	76	·885	7
Sirsa ...	29·470	— ·004	S. 27° E. 6	S. 3° W. 5	86·9	99·2	— 0·8	81·4	+ 0·1	— 0·4	6[illegible]	·881	6
Umballa ...	29·504	?	N. 81° E. 1	? ?	81·3	92·6	?	77·4	?	?	87	·933	6
Ludhiána ...	29·499	+ ·002	S. 46° E. 3	S 46° E. 2	83·0	92·6	— 5·3	79·5	— 0·5	— 2·9	79	·885	7
Lahore ...	29·487	+ ·013	S. 59° E. 3	S. 84° E. 3	84·2	93·9	— 4·7	80·5	+ 0·1	— 2·3	79	·917	5
Montgomery ...	29·454	+ ·018	S. 60° E. 9	? ?	89·9	103·3	— 1·0	82·8	— 0·4	— 0·7	60	·820	3
Siálkot ...	29·507	+ ·025	N. 84° E. 2	S. 86° E. 2	83·3	94·8	— 2·8	77·9	— 1·3	— 2·1	80	·902	4
Ráwalpindi ...	29·479	+ ·021	N. 59° E. 2	S. 66° E. 2	82·2	95·6	— 1·9	75·8	— 0·9	— 1·4	7[illegible]	·818	5
Khusháb ...	29·485	?	N. 61° E. 10	? ?	86·0	99·2	?	79·0	?	?	68	·853	4
Pesháwar ...	29·444	+ ·004	N. 20° W. 3	N. 56° E. 4	85·4	99·8	— 3·0	77·7	— 1·5	— 2·3	67	·818	3
Dera Ismail Khan	29·461	+ ·008	N. 70° E. 3	S. 79° E. 2	88·0	101·2	— 1·6	82·2	— 0·1	— 0·9	72	·947	4
Mooltan ...	29·445	+ ·002	S. 46° E. 0	S. 25° W. 3	90·8	105·8	+ 2·6	85·5	+ 2·5	+ 2·6	62	·887	2
Simla ...	22·982	+ ·009	S. 41° E. 2	S. 63° W. 0	62·4	67·9	— 1·4	59·8	— 0·8	— 1·1	91	·516	8
Murree ...	23·702	+ ·006	S. 38° E. 6	S. 15° E. 6	65·7	73·6	— 3·6	62·0	— 0·8	— 2·2	81	·514	3
Gulmarg ...	21·766	?	S. 73° E. 2	? ?	59·2	66·5	?	49·5	?	?	82	·415	6
Srinagar ...	24·676	?	S. 45° E. 5	? ?	69·5	83·1	?	64·5	?	?	86	·526	6
Skardu ...	22·676	?	N. 50° W. 8	? ?	69·9	83·6	?	62·1	?	?	58	·414	4
Dras ...	20·701	?	N. 9° E. 7	? ?	64·0	78·6	?	48·0	?	?	79	·474	5
Cherát ...	25·482	?	S. 17° E. 10	? ?	74·5	86·6	?	69·2	?	?	76	·634	4

The Bay branch of the monsoon was fairly steady throughout July, and south-easterly winds giving good rain prevailed with unusual steadiness over the Punjab. The principal rainfall period occurred during the middle of the month, very general rain falling from the 10th to the 24th. On the first two days of the month cloudy showery weather was experienced with falls of rain exceeding two inches at Ludhiána, Lahore, Khusháb and Umballa. On the 3rd the weather cleared, and fair to cloudy weather with a few scattered showers was reported up to the 10th. On the 10th typical monsoon conditions were established over Northern India and easterly winds prevailed from the head of the Bay right up to the north-west of the Punjab. With the establishment of these conditions the showers increased, and on the 11th, 12th and 13th rain was reported from nearly all stations. On the 14th, 15th and 16th the rainfall decreased both in amount and extent, but on the 17th it again increased, and extensive, though not on the whole heavy, rain fell up to the 24th. For the next three days the weather was fair with a few showers on and near the hills, then the sky clouded over again, and the month closed with overcast weather and very general showers.

Pressure and Winds.—The mean pressure of the month was slightly below the normal at Delhi and Sirsa, but was slightly to moderately above at all other stations both on the hills and plains. The excess was greatest at Siálkot and Ráwalpindi. The wind was very steady between east-north-east and south-east almost everywhere, but at Pesháwar the mean direction was north-north-west. On the hills the direction was steadily south-easterly. The force was somewhat higher than usual.

Temperature.—The mean temperature was generally lower than usual. At Mooltan there was an average excess of 2½°, but the observations at this station are frequently doubtful. At Delhi and Sirsa the mean was about the average, but at all the remaining stations the weather was cooler than usual, the variation from the normal varying from — 0°7 at Montgomery to — 2°9 at Ludhiána. The maximum or day temperatures were lower than usual at all stations except Mooltan, the deficiency averaging over 5° at Ludhiána, over 4° at Lahore, and 3° or over at Pesháwar and Murree. The night temperatures exhibited very small departures from the normal except at Siálkot and Pesháwar, where they were over 1° lower than usual. The hottest places were Montgomery and Mooltan with a mean temperature of 93°0 and 95°6 respectively.

The following table shows (1) the variations from the normal of the mean temperature of the Province for each day of the month, and (2) the highest maximum temperature registered in the Province on each day, with the name of the station at which it was registered:—

Date.	Variation from normal of mean temperature of Province during the previous 24 hours.	Highest maximum temperature recorded in previous 24 hours.	Station at which registered.	Date.	Variation from normal of mean temperature of Province during the previous 24 hours.	Highest maximum temperature recorded in previous 24 hours.	Station at which registered.
1	2	3	4	1	2	3	4
1898	°	°		1898.	°	°	
July 1st ...	—5·7	? 107·7	Siálkot.	July 17th ...	—0·1	106·5	Montgomery.
" 2nd ..	—6·0	103·9	Mooltan.	" 18th ...	—3·8	105·9	Mooltan.
" 3rd ...	—6·5	98·3	Do.	" 19th ...	—3·9	105·4	Do.
" 4th ...	+ 0·6	105·9	Do.	" 20th ...	—4·6	100·7	Dera Is[illegible]l Khan.
" 5th ...	+ 3·3	111·4	Do.	" 21st ...	—1·8	103·0	Montgomery.
" 6th ...	+ 5·0	113·9	Do.	" 22nd ...	—0·8	105·4	Mooltan.
" 7th ...	+ 5·0	115·0	Do.	" 23rd ...	—0·9	106·4	Do.
" 8th ...	+ 3·8	112·4	Do.	" 24th ...	—5·5	? 108·4	Do.
" 9th ...	+ 5·0	111·9	Do.	" 25th ...	—3·0	? 103·9	Do.
" 10th ...	+ 3·8	111·0	Peshawar.	" 26th ...	+ 1·4	105·9	Do.
" 11th ...	—1·3	110·0	Montgomery.	" 27th ...	+ 2·7	112·8	Sirsa.
" 12th ...	—6·0	97·9	Do.	" 28th ...	+ 1·9	110·4	Mooltan.
" 13th ...	—6·6	102·8	Sirsa.	" 29th ...	+ 0·7	112·4	Do.
" 14th ...	—3·6	? 105·9	Mooltan.	" 30th ...	+ 0·3	107·5	Montgomery.
" 15th ...	—0·8	103·9	Do.	" 31st ...	—4·6	? 105·9	Mooltan.
" 16th ...	+ 0·9	105·4	Do.				

The above shows that the mean temperature of the whole Province exceeded the normal from the 4th to the 10th and from the 26th to the 30th, the hottest period both absolutely and relatively to the normal being between the 6th and the 9th, when the excess was about 5°. The coolest periods were on the 2nd and 3rd and the 12th and 13th, when the deficiency averaged between 6° and 6½°. Temperatures exceeding 100° where recorded on nearly all days of the month in some parts of the Province, the highest recorded reading being 115° registered at Mooltan on the 7th.

Humidity and Cloud.—Humidity was high very generally and the sky was cloudy except in the extreme west and south, the cloud proportion at Montgomery and Peshâwar being only 3 and at Mooltan only 2.

Rain.—Rain was received in all parts of the Province during the month, but at Dera Ismail Khan the total fall for the month was only 0·58″, at Mooltan only 1·07″, and at Mongomery only 1·52″. On the other hand Murree during the month registered 16·25″, Siálkot 12·59″, Ludhiána 12·11″, and Ráwalpindi, Lahore and Simla over 10 inches. The concluding column of the table shows that the rainfall of the month was much lighter than usual at Mooltan, Dera Ismail Khan, Montgomery, Umballa, Simla and Delhi, and slightly ligther than usual at Sirsa. At all the remaining stations in the Punjab the rainfall was heavier than usual, the excess amounting to 5″ at Murree and about 4″ at Siálkot and Lahore.

At Srínagar the lightness of the rainfall, which has characterised nearly the whole of this year, has continued, the total fall for the month of July having been only 2·77″ in place of the normal 7·69″.

The following table gives the rainfall data for the Punjab stations for July 1898 :—

Station.	Normal average rainfall in July.	Actual rainfall in July 1898.	Difference from the average in July 1898.
1	2	3	4
Punjab, West.	Inches.	Inches.	Inches.
Mooltan	2·94	1·07	— 1·87
Dera Ismail Khan	2·87	0·58	— 2·29
Khusháb	2·86	6·03	+ 3·17
Peshâwar	1·79	4·22	+ 2·43
Murree	11·25	16·25	+ 5·00
Gulmarg	?	5·68	?
Srinagar	7·69	2·77	— 4·92
Skardu	0·25	0·58	+ 0·33
Dras	0·34	1·77	+ 1·43
Cherát	4·81	7·15	+ 2·34
Ráwalpindi	8·75	10·48	+ 1·73
Siálkot	8·52	12·59	+ 4·07
Lahore	6·67	10·49	+ 3·82
Montgomery	3·27	1·52	— 1·75
Punjab, East.			
Umballa	10·86	7·56	— 3·30
Ludhiána	10·33	12·11	+ 1·78
Simla	17·55	10·44	— 7·11
Delhi	9·22	5·96	— 3·26
Sirsa	4·58	4·01	— 0·57

SIMLA :
The 18*th August* 1898.

W. L. DALLAS,
Meteorological Reporter to Government, Punjab.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE DERA ISMAIL KHAN DISTRICT DURING THE FORTNIGHT ENDING 1ST SEPTEMBER 1898, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO PUNJAB GAZETTE DATED 1ST AUGUST 1898.

QUANTITIES PER RUPEE BY THE ORDINARY SEER OF $82\frac{2}{7}$ TOLAS.

1	2			3			4			5			6			7			8			9			10		
District.	*Wheat.*			*Barley.*			*Rice (best sort).*			*Rice (common).*			*Jowár or Cholum (Sorghum vulgare).*			*Bájra or Cumbu (Pennisetum Typhoideum).*			*Mundwa, Marua or Kagi (Eleusine Corocana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sonaga (Cicer Arietinum).*		
	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Dera Ismail Khan...	19	20	10	24	24	13	...	...	...	6	7	5	27	30	10	25	25	9	§	§	§	‡	‡	4	20	23	10

QUANTITIES PER RUPEE BY THE ORDINARY SEER OF $82\frac{2}{7}$ TOLAS.

1	11			12			13			14						15			16			17
District.	*Maize (Zea Mays).*			*Arhur or Thur, Cadjan Pea (Cajanus Indicus).*			*Firewood.*			*Salt.*						*Gur.*			*Cotton (unginned).*			Remarks.
										Present fortnight ending 15th August 1898.		Past fortnight ending 31st July 1898.		Corresponding fortnight of 1897.								
	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th August 1898.	Past fortnight ending 31st July 1898.	Corresponding fortnight of 1897.	
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
Dera Ismail Khan	‡	‡	8	‡	‡	5	125	125	125	14 4	14 0	14 10	14 6	16 14	16 0	8 6	8 6	9 6	‡	‡	10 0	

‡ Not sold.
§ Not procurable.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1898.

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st August.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st August 1898.	Total.	Condition of crops and cattle, and health of people.
HISSAR.	Sirsa ...	2·20	9·72	3·30	0·34	1·39	7·17	8·56	The rainfall during the month was insufficient and the crop is withering for want of rain. Rain is very urgently needed to invigorate the standing crops. Canal crops are in good condition. Fodder sufficient. General health of the district good.
	Fatahabad ...	2·32	12·04	3·89	0·07	1·14	7·61	8·75	
	Hissar ...	2·37	12·17	4·25	0·24	1·78	8·27	10·05	
	Hánsi ...	1·09	11·20	3·91	0·53	1·11	10·55	11·66	
	Bhiwáni ...	1·68	12·06	4·92	1·97	1·81	10·92	12·73	
	Budhláda ...	...	...	...	1·26	1·94	10·55	12·49	
	Tohána ...	...	...	...	...	2·29	4·40	6·69	
JIND STATE.	Dhaneta (*c*) ...	...	...	...	2·30	1·29	12·70	13·99	
	Safidan (*c*) ...	...	...	...	1·75	2·50	12·60	15·10	
	Jind (*c*) ...	...	...	...	0·37	1·00	10·61	11·61	
BIKANER STATE.	Channi (*c*) ...	...	...	...	0·30	1·80	6·50	8·30	
ROHTAK.	Rohtak ...	2·26	14·43	5·13	2·08	1·40	15·92	17·32	Owing to there being no rain in the early part of the month the crops somewhat suffered, but as rain fell at the close of the month they are doing better, and if we have a few more showers, a good outturn may be expected. Health of people good. Prompt measures have been taken for the destruction of eggs of locusts desposited in Tahsíls Jhajjar, Sámpla and Gohána. Fodder plentiful. Stock of grain sufficient.
	Gohána ...	2·41	14·25	4·29	2·43	1·55	13·89	15·44	
	Sámpla ...	2·00	15·39	5·29	0·95	2·02	10·65	12·67	
	Jhajjar ...	1·84	14·84	5·43	2·20	1·48	13·24	14·72	
GURGAON.	Farukhnagar ...	...	...	...	3·03	1·65	11·97	13·62	Except at Játusána, where there was no rain, all other stations received a sufficient supply. But taking the season into account, Rewári is in need of more rain. The kharíf sowings have all been completed, and those for the rabi are not yet in hand. The condition of standing crops is good, but those sown late are somewhat diminutive and need more rain. Health of people is good. Canal water was not used during the month, and there were no inundations from the river or from hill torrents. The eggs and the young of locusts discovered in the Rewári and Gurgaon Tahsíls have nearly all been destroyed. No damage has been done.
	Játusána ...	...	...	...	...	0·50	6·70	7·20	
	Rewári ...	1·64	16·85	6·87	1·78	1·81	10·45	12·26	
	Shahjahánpur ...	...	...	...	3·20	1·56	17·10	18·66	
	Tauru ...	...	...	...	2·94	3·17	10·57	13·74	
	Núh ...	1·67	18·93	6·64	6·88	2·37	16·03	18·40	
	Fírozpur ...	1·00	17·71	7·85	4·70	2·30	11·67	13·97	
	Hodal ...	...	...	...	5·35	2·55	10·99	13·54	
	Hattín ...	...	...	...	7·67	3·29	14·69	17·98	
	Palwal ...	2·04	17·68	6·42	4·60	3·53	12·57	16·10	
	Sohna ...	...	...	...	7·41	2·30	9·71	12·01	
	Gurgaon ...	2·39	18·81	6·64	4·46	2·11	11·84	13·95	
	Punahána ...	...	...	...	3·89	2·92	9·77	12·69	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1898—(CONTINUED).

Explanation:—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT	Rain-gauge Station.	1st October to 31st March.	1st April to 31st August.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st August 1898.	Total.	Condition of crops and cattle, and health of people.
DELHI.	Ballabgarh ...	1.99	18.24	5.98	4.65	2.87	11.68	14.55	Rain during the month much below the average, but it has been very beneficial to the standing crops. Kharif prospects fair. Locusts appeared and laid eggs. Very strict and prompt actions were taken for their destruction. Young locusts also appeared in many villages, but caused no damage. Fodder and stocks sufficient. Prices almost stationary.
	Mahrauli ...	...	...	...	6.70	2.45	15.52	17.97	
	Sadr (Delhi) ...	**2.97**	**20.04**	**7.15**	**5.78**	**2.86**	**12.84**	**15.70**	
	Sonepat ...	2.36	16.70	6.61	1.69	2.30	13.82	16.12	
KARNAL.	Pánipat ...	2.49	16.11	5.27	3.13	3.10	11.97	15.07	From the 1st to the 25th August there was practically no rain, and a hot west wind blew most of the time. As a result the harvest, which promised to be a bumper one, suffered considerably. A good deal of rice, maize and bájra has perished. The rain received towards the close of the month has been very beneficial, but the outturn of seed will be below the average. More rain is urgently wanted. Rabi ploughings are at present very short. Stock of grain sufficient. Locusts appeared in Pánipat and Kaithal Tahsíls, but caused no serious damage.
	Karnal ...	**4.02**	**21.01**	**5.92**	**2.30**	**5.94**	**13.01**	**18.95**	
	Rajaund ...	...	...	...	2.12	1.52	12.81	14.33	
	Kaithal ...	2.36	12.83	3.09	2.44	2.19	13.15	15.34	
	Gulah ...	...	...	...	2.14	3.62	13.22	16.84	
	Thánesar (Pipli) ...	3.29	18.82	6.73	3.14	6.81	18.47	25.28	
UMBALLA.	Jagádhri ...	5.61	27.93	11.02	11.98	6.00	20.83	26.83	*Condition of crops*—Kharif crops are in good condition and ripening. Prospects good. Rain during the month has greatly benefited the standing crops. Health of people good. Fodder and water sufficient.
	Umballa ...	**3.93**	**23.85**	**7.51**	**5.76**	**9.46**	**17.48**	**26.94**	
	Naráingarh ...	4.77	27.40	11.08	10.16	5.63	24.77	30.40	
	Kharar ...	4.72	22.46	7.51	4.25	7.51	16.30	23.81	
	Rúpar ...	4.84	19.37	7.43	3.71	7.84	19.95	27.79	
	Dádúpur (*c*) ...	...	...	...	10.40	6.50	25.80	32.30	
PATIALA STATE.	Kotra (*c*) ...	...	...	...	0.35	1.07	10.83	11.90	
	Jodhpur (*c*) ...	...	...	...	0.51	1.62	5.72	7.34	
	Ràniki (*c*) ...	...	...	...	0.56	3.55	11.85	15.40	
	Lehal (*c*) ...	...	...	...	2.19	2.49	13.67	16.16	
	Gujrán (*c*) ...	...	...	...	0.22	3.00	17.75	20.75	
	Barthála (*c*) ...	...	...	...	0.61	4.18	17.21	21.39	
NABHA STATE.	Dadahur (*c*) ...	...	...	...	...	4.00	11.85	15.85	
	Bundher (*c*) ...	...	...	...	0.28	2.16	7.40	9.56	
SIMLA.	Kasauli ...	7.96	44.83	18.87	19.78	6.25	37.68	43.93	Standing crops good. Rain sufficient. Health of people good.
	Bharauli ...	7.96	37.62	15.07	15.60	5.76	34.29	40.05	
	Simla ...	**8.42**	**50.42**	**18.05**	**18.77**	**6.84**	**40.32**	**47.16**	
	Kot Khái ...	10.88	36.59	12.04	4.21	5.12	20.77	25.89	
	Kotgarh ...	11.96	41.17	13.54	6.70	5.82	24.10	29.92	
	Kilba ...	21.31	19.91	4.28	1.71	6.24	8.12	14.36	
KANGRA.	Plách ...	11.29	28.39	9.71	8.40	8.31	23.33	31.64	The rainfall during the month was sufficient. The prospects of the kharif crops are at present very good. In several parts of the district ground is being got ready for the rabi sowings. The prices of the food-grains are stationary. The health of the public continues good.
	Kulu ...	17.46	25.21	8.36	4.59	10.44	16.76	27.20	
	Nagar ...	13.10	20.90	6.16	6.00	10.20	16.69	26.89	
	Pálampur ...	17.35	74.93	30.71	36.96	8.20	88.76	96.96	
	Hamírpur ...	8.82	35.32	15.56	23.44	6.92	43.53	50.45	
	Dera ...	9.24	39.45	16.62	22.30	5.02	42.58	47.60	
	Kángra ...	9.99	53.07	22,14	35.62	6.10	63.24	69.34	
	Dharmsala ...	**15.65**	**92.86**	**38.57**	**39.21**	**11.81**	**101.01**	**112.82**	
	Núrpur ...	12.79	45.91	20.40	21.02	5.56	46.08	51.64	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1898—(CONTINUED).

Explanation :— (*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st August.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st August 1898.	Total.	Condition of crops and cattle, and health of people.
Hoshiárpur.	Dasúya ...	6·14	22·99	8·47	4·04	6·38	26·69	33·07	The crops are doing well throughout the district, but in some parts of the hills the crops somewhat suffered for want of rain in the middle of the month. Food-grains and fodder are sufficient. Locusts appeared in places in all four tahsíls but have done very little damage.
	Una ...	5·12	24·72	10·51	7·86	6·61	19·75	26·36	
	Garhshankar ...	5·24	21·20	7·85	3·72	7·78	13·92	21·70	
	Sadr Station ...	6·06	23·49	8·88	8·41	6·17	26·42	32·59	
	Hoshiárpur ...	...	...	...	8·02	6·09	25·20	31·29	
Jullundur.	Jullundur ...	4·53	19·14	6·93	3·12	4·19	14·54	18·73	Crops in good condition. Health of people good.
	Nakodar ...	3·28	18·89	6·41	3·15	5·64	17·16	22·80	
	Phillour ...	3·66	16·51	5·13	1·51	4·88	14·73	19·61	
	Nawashahr ...	4·66	17·97	6·55	2·34	6·71	18·31	25·02	
Ludhiána.	Samrála ...	3·51	19·87	6·73	1·38	4·65	11·73	16·38	The kharíf crops suffered from drought somewhat during the first fortnight of the month under report, but its condition was improved by the rain which fell during the latter fortnight in all parts of the district excepting the jungle villages. The crops there are reported to be in a very bad state for want of rain. Fodder is abundant. Health of people good. Locusts appeared in this district on the 17th July (*vide* the Agricultural Prospect Report for the preceding month) and advanced from village to village in all three tahsíls up to the 22nd August. Two hundred and five villages were invaded by locusts in large swarms, and their youngs were seen in 30 villages. The full-grown insects were scared away, but their young ones were destroyed by the zamíndárs in almost all 30 villages. They were collected in waste land (or in the fields without crop) or thrown into ditches dug for the purpose, and then burnt. Slight damage was done by these insects to the maize, cotton, sugarcane, chari and san crops. Strict orders were issued to all Zaildárs, Inámdárs, Lambardárs, Patwárís and Girdáwars to exert themselves to cope with the evil, and I am glad to report that the orders were fully carried out, and the crops saved from damage.
	Ludhiána ...	4·15	18·09	5·61	1·40	4·16	15·87	20·03	
	Jagraon ...	2·44	13·94	5·44	0·48	4·82	17·45	22·27	
Ferozepore.	Moga ...	2·14	11·62	3·81	...	4·92	10·70	15·62	Kharíf crops are suffering from want of rain. Stocks of food grains are reported to be reduced in Tahsíls Moga and Fázilka, but generally sufficient for local requirements. Fodder generally sufficient. Flights of locusts were seen in all the tahsíls of the district in the beginning of the month, but no damage was done. Kharíf crops are good on canal and well irrigated lands and average on baráni lands. Health of people has been good throughout the district.
	Zíra ...	2·47	14·76	5·43	0·05	5·22	9·20	14·42	
	Ferozepore Sadr ...	2·67	12·73	4·51	...	4·79	11·35	16·14	
	Ferozepore City ...	...	...	...	...	5·80	9·76	15·56	
	Muktsar ...	1·15	7·36	3·14	...	2·83	6·57	9·40	
	Fázilka ...	...	...	...	...	2·13	6·98	9·11	
	Nathána ...	...	...	...	0·59	2·46	8·09	10·55	
	Jalalabad ...	...	...	...	...	1·90	8·30	10·20	
	Gobindgarh (*c*) ...	...	...	...	...	1·40	4·10	5·50	
	Phidda (*c*) ...	...	...	...	0·20	2·00	3·90	5·90	
Mooltan.									The Inundation Canals of the district have been working well.
	Mailsi ...	0·72	3·01	0·97	...	2·18	2·06	4·24	Kharíf crops in good condition. Rabi ploughings commenced. Health of people good. Sidhnai flowing.
	Lodhrán ...	0·91	3·21	1·08	...	2·54	0·90	3·44	
	Shujabad ...	0·93	3·21	1·30	...	2·04	0·13	2·17	
	Mooltan ...	1·17	4·03	1·08	...	1·88	1·70	3·58	
	Kabírwála ...	1·12	4·16	1·21	...	1·75	4·28	6·03	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1898—(CONTINUED).

Explanation :— (c) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			Rainfall of present year.				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st August.	For month under report.	Month under report	1st October 1897 to 31st March 1898.	1st April 1898 to 31st August 1898.	Total.	Condition of crops and cattle, and health of people.
Jhang	Shorkot ...	1·66	6·32	2·49	...	2·27	5·60	7·87	*Crops.*—The condition of crops average in Lyallpur, and in other parts below average. The want of rain is felt. Locusts passed over some villages of Tahsíl Chiniot, but caused no damage. *Canals.*—Canals flowing. *Rivers.*—Slight floods occurred in the rivers.
	Jhang ...	1·79	6·18	1·65	...	2·20	3·16	5·36	
	Chiniot ...	1·97	8·47	2·62	...	3·54	8·68	12·22	
	Lyallpur ...	...	...	...	...	3·50	8·96	12·46	
	Badwáli (c) ...	...	...	...	...	2·90	6·30	9·20	
	Tarkhani (c) ...	...	...	...	...	2·35	4·71	7·06	
	Murídwála (c) ...	...	...	...	...	3·19	2·00	5·19	
	Khewra (c) ...	...	...	...	...	2·70	3·25	5·95	
	Laklani (c) ...	...	...	...	...	2·60	1·65	4·25	
	Lyallpur (c) ...	...	...	...	...	3·50	8·80	12·30	
Montgomery.	Gugera ...	1·46	5·79	2·06	...	3·02	5·21	8·23	*Crops.*—Condition of standing kharíf crops below average for want of rain. In Gugera Tahsíl standing rice crops are withering for want of sufficient water in Deg Nála. Sirhál tenants of Montgomery Tahsíl have migrated to Lyallpur for want of rain. Locusts appeared in six villages of the Dipálpur Tahsíl and did slight damage to the standing chari and makki crops. *Health of people.*—Good. *Canals.*—The Sutlej Inundation Canals are flowing. There is, however, no water in the Ravi Canals. Both the Sutlej and Ravi Rivers have not overflooded.
	Montgomery ...	1·68	8·08	2·33	...	1·61	2·23	3·84	
	Pákpattan ...	1·18	5·90	1·95	...	0·87	2·50	3·37	
	Dipálpur ...	1·44	5·38	1·26	...	2·89	4·55	7·44	
	Sandyaniwala (c) ...	...	...	...	...	...	...	...	
Lahore.	Van (c) ...	2·64	11·24	3·88	...	4·70	10·17	14·87	A greater part of the baráni crops has been damaged for want of rain. Chahi crops are in average and Nahri in fairly good condition. Rain is badly wanted. Health of people is fair. Locusts visited parts of the district, but did no damage.
	Chunián ...	1·66	11·72	5·35	0·11	4·17	6·68	10·85	
	Kasúr ...	1·70	8·88	3·15	...	4·81	8·02	12·83	
	Pambe (c) ...	2·48	11·98	3·40	...	4·90	11·70	16·60	
	Sharakpur ...	1·79	8·07	3·62	0·43	4·04	14·00	18·04	
	Niáz Beg (c) ...	3·72	14·28	5·07	0·50	3·88	15·40	19·28	
	Lahore ...	3·07	12·29	4·63	0·94	5·62	12·15	17·77	
	Meean Meer (c) ...	4·39	15·99	5·10	0·25	5·80	20·39	26·19	
	Manihála (c) ...	2·82	13·10	3·69	0·60	4·05	9·80	13·85	
	Dafthu (c) ...	...	...	...	...	3·30	9·90	13·20	
	Nijábat (c) ...	...	...	...	...	2·24	4·03	6·27	
Amritsar.	Buchar (c) ...	4·06	14·68	5·05	0·03	5·93	14·85	20·78	The rain was quite in time, as it was badly wanted to save the crops from drought. The kharíf crops are in good condition. Locusts appeared in some parts of the district, but no harm was done. The health of people good. Fodder is sufficient. Stock of food grains sufficient.
	Khara (c) ...	2·38	12·00	4·73	0·10	5·48	8·54	14·02	
	Tarn Táran ...	3·51	16·58	5·70	1·23	5·42	14·53	19·95	
	Raya (c) ...	4·59	18·30	7·83	2·56	4·44	15·23	19·67	
	Jail Hospital (Amritsar).	4·52	17·75	6·93	1·96	5·54	17·76	23·30	
	Amritsar (c) ...	...	...	...	1·70	6·40	13·77	20·17	
	Buggeh (c) ...	3·96	15·80	5·11	1·25	8·10	16·57	24·67	
	Ajnála ...	3·09	13·65	5·45	1·62	6·13	17·75	23·88	
Gurdaspur.	Aliwál (c) ...	4·00	17·25	5·81	4·00	4·58	25·50	30·08	The heavy showers of rain during August have done much good to the standing crops and enabled zamíndárs to plough for the coming rabi. Condition of crops good. Locusts appeared in Tahsíls Batála and Gurdáspur, but did no damage; they settled in the former tahsíl, but were soon driven off, and every endeavour was made to destroy them and their eggs.
	Batála ...	5·53	21·41	8·45	3·63	4·33	24·03	28·36	
	Tibri (c) ...	5·77	20·47	7·51	4·20	6·20	16·25	22·45	
	Gurdaspur ...	5·43	22·11	8·26	5·91	7·35	23·21	30·56	
	Pathánkot ...	8·15	34·71	14·77	9·97	6·91	30·46	37·37	
	Dalhousie ...	13·32	59·69	23·75	23·18	13·34	50·97	64·31	
	Mádhopur (c) ...	10·62	35·70	16·83	10·15	6·40	30·15	36·55	
	Shakargarh ...	6·92	26·76	10·51	4·02	6·04	22·65	28·69	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1898—CONTINUED.

Explanation:—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st August.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st August 1898.	Total.	Condition of crops and cattle, and health of people.
SIÁLKOT.	Zafarwál ...	5·70	21·61	7·92	6·36	5·22	26·84	32·06	There has been good rain during the month except in Raya Tahsíl. It was very beneficial to the kharíf crops, and the prospects are good. Hill torrents and streams were in flood on more than one occasion. Green fodder is sufficient. Public health good. Locusts appeared all over the district and passed from east to west; did not deposit eggs or cause damage to the crops. Heavy rain destroyed a large number.
	Pasrúr ...	5·85	21·58	7·95	5·26	5·56	18·82	24·38	
	Raya ...	4·03	15·34	6·22	2·04	6·19	19·06	25·25	
	Daska ...	4·04	18·10	7·22	5·01	6·76	17·80	24·56	
	Siálkot ...	5·87	25·57	9·61	4·47	5·89	19·77	25·66	
GUJRAT.	Gujrat (Sadr) ...	6·52	17·10	6·24	4·40	6·12	14·69	20·82	Standing crops began to wither in some parts of the district during the first portion of the month for want of rain, but at the end of the month we had good showers of rain which much benefited the standing kharíf crops except maize. Fodder easily procurable. The cattle removed to Belas have returned. In the beginning of the month prices began to rise owing to the holding out of rain, but now they are normal as in the last month.
	Khárián ...	6·35	18·49	7·26	4·75	5·85	16·10	22·04	
	Phália ...	4·65	12·96	5·14	1·61	4·24	9·06	13·30	
GUJRANWALA.	Rámnagar ...	3·02	16·00	7·67	2·88	5·84	10·66	16·50	Condition of crops in places favoured with rainfall is good; in other places crops are withering for want of rainfall. Health of people generally good. Prices of food grain stationary. Fodder and stock of food grain sufficient.
	Wazírabad ...	4·57	14·70	6·10	5·35	5·86	13·38	19·24	
	Sadr Kacheri (Gujranwala).	4·86	16·12	6·11	2·47	4·68	14·76	19·44	
	Shekhupura ...	2·14	8·68	3·44	0·90	5·47	11·02	16·49	
	Háfizabad ...	3·79	12·40	4·27	1·55	6·86	12·90	19·76	
	Khángah Dográn ...	...	...	...	0·25	6·76	13·31	20·07	
	Rámpur ...	...	...	...	0·80	5·00	7·90	12·90	
	Pacca Dalla (*c*) ...	...	...	...	...	4·10	8·15	12·25	
	Firoz (*c*) ...	...	...	...	0·40	3·86	10·05	13·91	
SHAHPUR.	M[illegible]n ...	3·88	9·83	4·25	1·00	4·00	14·82	18·82	This month has been practically rainless, and the private canals have not been running well. The prospects of a good kharíf have been seriously injured. Fodder is scarce throughout the district. Health of people good.
	Sáhiwál ...	2·88	8·36	1·96	...	2·50	7·64	10·14	
	Núrpur ...	1·96	4·26	1·49	0·35	2·65	7·17	9·82	
	Mitha Tiwána ...	2·48	6·19	1·91	...	1·25	7·25	8·50	
	Sakesar ...	0·97	9·27	4·30	0·35	9·73	16·05	25·78	
	Naushahra ...	4·10	10·34	2·88	0·67	4·51	12·21	16·72	
	Khusháb ...	2·47	6·62	2·06	...	3·49	11·05	14·54	
	Shahpur ...	3·58	9·23	2·77	0·15	3·85	10·25	14·10	
	Bhera ...	3·61	9·97	3·54	0·53	4·92	8·30	13·22	
	Miáni ...	4·72	9·37	3·73	1·73	4·20	8·41	12·61	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1898—CONTINUED.

Explanation:—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st August.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st August 1898.	Total.	Condition of crops and cattle, and health of people.
JHELUM.	Pind Dádan Khan ...	4.18	10.09	3.98	1.53	5.25	10.56	15.81	Owing to there being no rain in the beginning of the month the condition of the crops was in an uncertain state; nearly half of it was dried up; but in the last week there was rain which has removed all apprehensions for the present. This rain has also led to a falling-off in the prices. The stock of grain in the district is sufficient. Locusts passed over all the four tahsíls, but the damage done by them is of no great importance. Health of people good. There were no floods in the river causing damage to the crops.
	Jhelum (Sadr) ...	5.49	14.11	4.49	7.34	7.33	17.88	25.21	
	Chakwál ...	4.23	9.49	3.50	3.16	5.86	9.84	15.70	
	Talagang ...	4.82	11.15	3.72	1.15	4.25	14.84	19.09	
RAWALPINDI.	Pindigheb ...	5.01	11.61	4.43	4.52	5.55	10.48	16.03	Kharíf prospects average. Health of people good. Locusts passed through Pindigheb, Fatahjang and Attock Tahsíls, but did no damage. Prices falling.
	Fatahjang ...	6.99	13.30	8.08	2.36	6.95	10.55	17.50	
	Attock ...	6.51	9.22	3.37	2.42	7.42	12.96	20.38	
	Rawalpindi ...	8.87	18.81	6.37	4.30	6.63	14.14	20.77	
	Gujar Khan ...	7.53	18.59	8.40	3.49	6.13	17.78	23.91	
	Kahúta ...	8.69	24.70	10.85	7.30	6.54	24.38	30.92	
	Murree ...	9.53	34.24	12.25	20.44	12.93	43.77	56.70	
HAZARA.	Abbott-abad ...	14.82	26.83	9.97	9.98	13.63	29.46	43.09	Rainfall good during latter half of month. Standing crops flourishing. Health of people good. Fooder and grain stocks sufficient. Prices falling slowly. Water in irrigation channels sufficient.
	Mánsahra ...	14.87	19.34	7.16	6.07	11.16	22.67	33.83	
	Haripur ...	11.24	15.63	5.36	1.50	6.22	15.83	22.05	
PESHAWAR.	Swábi ...	5.88	8.33	3.14	1.29	8.67	12.25	20.92	Maize and chari sowings completed in the Pesháwar Tahsíl. Rabi ploughings on unirrigated lands are in progress in the Mardán Tahsíl, but in other tahsíls they stand in need of rain. The condition of standing crop is good. Locusts were seen passing through the district, but no damage was done to the crops. Cotton is being picked. The outturn of cotton and rice is good. Stocks of food grains and fodder are sufficient. Sufficient water in canals, but it is low in the rivers.
	Lahor (Utman Bolak)	6.01	8.73	3.60	0.40	5.86	12.65	18.51	
	Nowshera ...	6.15	6.97	2.24	1.05	6.68	5.88	12.56	
	Mardán ...	6.66	8.86	4.06	3.42	7.31	8.91	16.22	
	Katlang ...	5.27	7.75	3.05	1.70	3.99	8.35	12.34	
	Chársada ...	5.17	4.67	2.04	...	5.76	4.52	10.28	
	Nabakki ...	5.95	5.77	2.06	0.11	6.22	0.78	7.00	
	Peshawar ...	5.42	5.83	1.81	0.32	5.77	6.07	11.84	
	Abazai (*c*) ...	...	...	...	0.40	5.35	5.40	10.75	
	Khán Máhi (*c*) ...	...	...	...	0.30	3.20	4.70	7.90	
	Pára Chinár (Kurram)	...	...	...	2.58	9.47	14.40	23.87	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1898—(CONTINUED).

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			Rainfall of present year.				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 31st August.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 31st August 1898.	Total.	Condition of crops and cattle, and health of people.
Kohát.	Kohát ...	6·31	10·50	2·90	2·85	5·94	7·60	13·54	Rain fell in some parts of the district during the month under report, but it was not general through the district, and where it rained it largely benefited the standing crops. More rain is urgently required. Water in the springs was sufficient. Sowings of makki crop have been completed in the greater portion of the irrigated lands of the Kohát Tahsíl, while they are in progress in the remaining villages. Of the other kharff crops the condition of the rice crop is fairly good throughout the district, except in village of Rasrat Khel, where it is of an average quality for want of irrigation. The rice crop is being harvested. Hail fell in the village of Bár in the Kohát Tahsíl and Bár Abbás Khel, Togh and Lwára Mela of the Hangu Tahsíl and seriously damaged the bájra crop, &c., in the above mentioned villages of the Hangu Tahsíl, but no injury was caused to the crop in the village of Bár of the Kohát Tahsíl. Flights of locusts were observed in many parts of the district during the month under report, but no damage was reported to have been done to the crops, as they did not alight anywhere. The health of the people was fair. Fodder for cattle, such as bhúsa white and green hill grass, was obtainable in sufficient quantities during the month under report. The stocks of food grain are large with the traders owing to the presence of the Commissariat Department. Those with the zamíndárs of the Thal and Darra Circles of the Teri Tahsíl are also large. The condition of zamíndárs of the irrigated villages is good, while that of unirrigated villages is about the average.
	Hangu ...	...	...	...	3·11	6·99	16·03	23·02	
	Thal ...	...	...	...	...	7·12	11·07	18·19	
	Banda Daud Shah ...	...	...	...	5·12	5·24	17·42	22·66	
	Khushálgarh ...	...	...	...	...	0·13	3·62	3·75	
	Fort Lockhart ...	...	...	...	1·62	...	5·23	5·23	
Bannu.	Miánwáli ...	2·50	6·77	2·10	0·60	4·16	11·43	15·59	Kharíf crops on irrigated lands are average, on unirrigated poor for want of rain, which is much needed. Stock of food grains and fodder still sufficient. Prices rising. Health of people good. A swarm of locusts passed over three villages of Marwat and two of Isa Khel without laying eggs or doing any injury. They did lay eggs, however, in some villages of Miánwáli, which were soon destroyed.
	Isa Khel ...	2·79	4·77	1·53	0·08	4·81	5·74	10·55	
	Bannu ...	3·28	7·36	2·60	...	4·46	7·70	12·16	
	Marwat ...	3·31	7·03	2·62	0·02	3·34	10·80	14·14	
Dera Ismail Khan.	Tánk ...	1·71	4·96	0·93	0·06	2·65	1·03	3·68	Condition of kharíf crops fair in Kuláchi average in Tánk, indifferent in Leiah and Bhakkar and almost an entire failure in Dera Tahsíl. Rain badly wanted. Health of people good. Fodder getting scarce.
	Kuláchi ...	1·77	4·74	1·25	...	2·84	2·98	5·82	
	Dera Ismail Khan ...	2·24	5·24	1·46	...	5·04	0·88	5·92	
	Bhakkar ...	1·59	5·08	1·54	...	2·40	0·46	2·86	
	Leiah ...	1·48	5·01	1·61	...	1·72	3·55	5·27	
	Shekh Budín ...	...	...	...	...	4·88	8·58	13·46	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF AUGUST 1898—(CONCLUDED).

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			Rainfall of present year.				
District.	Rain-gauge Station	1st October to 31st March.	1st April to 31st August.	For month under report.	Month under report.	1st October 1857 to 31st March 1898.	1st April 1868 to 31st August 1898.	Total.	Condition of crops and cattle, and health of people.
Dera Ghazi Khan.	Sanghar ...	1·40	5·24	1·48	...	1·69	7·60	9·29	The canals have been working fairly well, but there has been no rain either in the district or in the hills which feed the torrents which irrigate the western portion of the district. The crops in these parts are drying up. Health of people good Stocks of food grains and fodder sufficient.
	Dera Ghazi Khan ...	1·99	5·93	1·80	...	1·25	3·06	4·31	
	Fort Munro ...	0·75	9·18	4·18	...	1·23	4·64	5·87	
	Jámpur ...	0·88	4·05	1·62	...	1·17	0·91	2·08	
	Rájanpur ...	0·52	2·83	1·18	...	0·84	2·03	2·87	
Muzaffargarh.	Alípur ...	1·00	6·87	2·33	...	2·05	0·72	2·77	*Alípur.*—For want of sufficient canal water prospect of sugar cane, indigo and rice not good. The rest average. Fodder and stock of corn sufficient.
	Muzaffargarh ...	1·06	3·89	1·58	...	1·86	2·13	3·99	*Muzaffargarh.*—For want of sufficient canal water from Indus River the prospect of kharif crops not good Indigo suffering from insect called Moosri. Fodder and food grain sufficient. Health of the people good.
	Sinánwán ...	1·48	5·66	2·57	...	1·29	3·72	5·01	*Sinánwán.*—Prospect of kharif crop average for want of sufficient water from the canals. Fodder and food grain sufficient.

Memo. of Errors.

For July 1898.

In Gujránwála against Feroz in columns 6, 7, 8, 9 insert 8·20, 3·86, 9·65 and 13·51 respectively.

In Jhang against Lyallpur in columns 7 and 9 *read* 3·50 and 12·46 *for* 2·88 and 14·84 respectively.

In Lahore against Sharkpur in columns 6, 8 and 9 *read* 12·02, 13·57 and 17·61 *for* 12·06, 13·61 and 17·65 respecively.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 27TH AUGUST 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera	Plague	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	2	8	10	9	4	5		...	...	2	...	1	6	1	1	2	31	28	1
2		Hansi ...	15,190	6	10	16	5	3	2	...	...	...	2	1	...	2	2	2	4	55	17	2
3		Bhiwani ...	35,487	18	7	25	33	21	12	...	...	...	11	3	...	19	9	6	15	37	48	3
4		Sirsa ...	16,415	8	5	13	13	9	4	...	...	...	8	...	...	5	3	...	3	41	41	4
5	Rohtak ...	Rohtak ...	16,191	12	9	21	8	6	2	...	...	...	...	2		6	2	...	2	68	26	5
6		Jhajjar ...	11,881	8	5	13	9	4	5	..		...	5	...	...	4	1	3	4	57	39	6
7	Gurgaon ...	Rewari ...	27,934	11	9	20	12	4	8	...	...	...	8	2	...	2	...	3	3	37	22	7
8		Palwal ...	11,227	2	5	7	6	4	2	...	...	...	5	...	...	1	1	2	3	33	28	8
9	Delhi ...	Delhi ...	189,648	101	98	199	126	68	58	...	..	1	69	3	2	51	27	16	43	55	35	9
10		Sonepat ...	12,611	9	2	11	8	6	2	...	...	...	3	1	...	4	2	...	2	45	33	10
11	Karnal ...	Karnal ...	21,530	18	9	27	15	8	7	...	...	...	8	3	...	4	3	1	4	65	36	11
12		Kaithal ...	15,768	8	17	25	14	7	7	...	...	...	6	1	...	7	5	3	8	83	46	12
13		Panipat ...	27,547	12	13	25	23	14	9	...	...	...	7	1	1	14	4	2	6	47	44	13
14		Shahabad ...	11,473	1	4	5	3	2	1	...	...	...	3	...	...	...	2	1	3	23	14	14
15	Umballa ...	Umballa ...	26,856	17	14	31	17	9	8	...	...	..	10	1	...	6	4	4	8	60	33	15
16		Jagadhri ...	13,029	5	6	11	8	3	5	...	...	...	7	...	...	1	...	...	...	44	32	16
17		Sadhaura ...	10,445	2	...	2	3	...	3	...	...	...	2	...	...	1	...	...	...	10	15	17
18	Hoshiarpur	Hoshiarpur ...	Returns not received.																			
19		Tanda and Urmar																				
20	Jullundur ...	Jullundur ...	50,375	19	17	36	29	9	20	...	...	...	19	1	...	9	2	2	4	37	30	20
21		Rahon ...	10,667	2	2	4	10	9	1	...	...	...	1	6	...	3	5	1	6	20	49	21
22		Kartarpur ...	10,441	5	3	8	5	3	2	...	...	...	1	3	...	1	1	...	1	40	25	22
23	Ludhiana ...	Ludhiana ...	46,024	9	10	19	32	17	15	...	...	...	15	5	...	12	6	2	8	22	36	23
24		Jagraon ...	18,116	12	4	16	20	6	14	...	...	...	14	2	...	4	3	4	7	46	58	24
25	Ferozepore ...	Ferozepore ...	25,337	9	8	17	19	12	7	..	...	...	7	3	...	9	2	3	5	35	39	25
26	Mooltan ...	Mooltan ...	64,265	43	23	66	36	19	17	...	.	...	14	5	...	17	11	10	21	54	29	26
27	Jhang ...	Maghiana ...	13,866	4	3	7	14	9	5	...	...	...	2	1	...	11	4	2	6	26	53	27
28		Chiniot ...	13,476	11	4	15	12	4	8	...	...	...	2	...	...	10	2	4	6	58	46	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	60	46	106	119	59	60	...	...	...	67	7	...	45	32	21	43	3[illegible]	39	29
30		Kasur ...	20,290	8	10	18	16	8	8	...	...	...	7	...	...	9	2	4	6	46	41	30
31		Chunian ...	10,339	3	6	9	12	6	6	...	...	...	5	...	...	7	2	4	6	45	61	31
32	Amritsar ...	Amritsar ...	135,401	62	57	119	126	65	61	...	...	...	69	2	...	55	17	22	39	46	49	32
33	Gurdaspur ...	Batala ...	27,223	13	13	26	19	12	7		...	...	14	1	...	4	1	1	2	50	36	33
34	Sialkot ...	Sialkot ...	33,965	18	20	38	41	22	19	...	...	...	18	3	...	20	12	5	17	58	63	34
35	Gujrat ...	Gujrat ...	17,671	12	4	16	18	12	6	...	...	...	10	1	...	7	3	1	4	47	53	35
36		Jalalpur ...	11,065	[illegible]	4	11	13	5	8	...	...	...	5	1	...	7	3	2	5	52	61	36
37	Gujranwala ...	Gujranwala ...	25,892	13	8	21	10	7	3	...	...	...	5	1	...	4	1	...	1	42	20	37
38		Wazirabad ...	15,786	7	6	13	15	6	9	...	...	...	6	1	...	8	3	2	5	43	50	38
39	Shahpur ...	Bhera ...	17,428	5	8	13	13	6	7	...	...	...	5	3	...	5	...	1	1	39	39	39
40	Jhelum ...	Pind Dadan Khan	15,055	5	4	9	11	5	6	...	...	...	5	4	...	2	...	1	1	31	38	40
41	Rawalpindi ...	Rawalpindi ...	38,334	8	5	13	16	8	8	...	...	...	13	2	...	1	3	...	3	18	22	41
42	Peshawar ...	Peshawar ...	63,079	14	15	29	35	12	23	...	...	1	25	3	2	4	2	2	4	24	29	42
43	Kohat ...	Kohat ...	14,347	2	3	5	5	1	4	...	...	...	2	...	...	3	...	...	...	18	18	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	12	7	19	18	9	9	...	...	...	11	3	...	4	4	3	7	46	44	44
45	D. G. Khan ...	Dera Ghazi Khan	Returns not received.																			45
	Grand Total	...	1,359,698	603	511	1,114	976	503	473	...	...	2	498	76	6	394	177	141	318	43	37	
	Hill Sanitaria.																					
	Simla ...	... ...	13,279	3	3	6	5	2	3	...	...	...	2	...	1	2	1	1	2	24	20	
	Dharmsala ...	... ...	2,778	...	2	2	1	...	1	...	...	...	...	...	...	1	...	...	...	8	19	
	Dalhousie ...	... ...	807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,459	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 10th September 1898.

C. J. BAMBER, SURGEON-MAJOR,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 27TH AUGUST 1898.

Births and Deaths in Municipal Towns.—In the 42 large Municipal towns 1,114 births were registered (603 males and 511 females), giving a birth-rate of 43 per *mille* of population; 976 deaths were registered (503 males and 473 females), giving a death-rate of 37 per *mille* of population.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 10th September 1898.

C. J. BAMBER, SURGEON-MAJOR,
Sanitary Commissioner, Punjab.

MORTUARY RETURN FOR

Deaths registered from different causes in each district of

No.	Districts	Population according to Census of 1891.	Births.	Deaths.	Birth-rate per *mille* per annum.	Death-rate per *mille* per annum.	Plague.			Cholera.			Small-pox. Children under one year.		One to under 12 years.		Twelve and over 12 years.		Total of Small-pox.	Fevers.		
							Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females	Males.	Females.	Males.	Females.		Males.	Females.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	775,808	2,355	1,792	36	27	...	...	...	...	...	...	...	...	5	[illegible]	...	...	7	651	616	1,2[illegible]
2	Rohtak ...	590,446	1,804	1,179	36	24	...	...	...	...	...	...	...	...	...	1		...	1	41[illegible]	398	811
3	Gurgaon ...	668,863	2,514	2,056	44	3[illegible]	...	...	...	...		...	4	4	15	2[illegible]	1	1	48	65[illegible]	691	1,344
4	Delhi ...	635,224	2,020	1,593	37	3[illegible]	...	...	...	..	...	..	1	2	7	[illegible]	1	...	16	450	466	916
5	Karnál ...	861,097	2 601	3,065	36	42	...	...	...	...	...	...	1	...	[illegible]	3	...	...	6	90[illegible]	959	1,869
6	Umballa ...	804,840	1,661	1,981	24	2[illegible]	...	...	...	...	...	...	13	16	76	75	[illegible]	7	490	611	596	1,207
7	Simla ...	35,246	60	6[illegible]	20	22	...	...	...	...	...	...	...	...	...	...	...	...	...	15	11	2[illegible]
8	Kángra ...	759,458	1,802	1,171	28	18	...	...		...	...	...	...	..		...	...	..	...	344	417	761
9	Hoshiárpur ...	1,011,644	2,[illegible]27	1,859	26	22	12	20	3	...	...	...	5	4	2	6	3	[illegible]	22	48[illegible]	5[illegible]8	1,010
10	Jullundur ...	891,347	2,550	2,14[illegible]	34	28	116	173	289	...	...	...	1	1	3	[illegible]	...	4	11	472	471	943
11	Ludhiána ...	648,655	1,84[illegible]	1,426	33	26	...	...	...	...	...	...	1	2	7	[illegible]	-	...	15	43[illegible]	450	881
12	Ferozepore ...	861,499	2,56[illegible]	1,813	35	25	...	...	...	...	...	...	6	2	17	10	1	5	4	54[illegible]	550	1,075
13	Mooltan ...	620,859	1,308	1,048	25	20	...	...	...	...	...	...	...	...	...	...	1	...	1	40	327	723
14	Jhang ...	436,821	1,336	1,16[illegible]	36	31	...	...	...	...	...	...	...	.	2	...	..	...	2	4[illegible]6	354	770
15	Montgomery	499,449	1,298	717	31	17	...	...	...	...	...	...	4	...	14	19	...	2	39	17[illegible]	145	316
16	Lahore ...	1,055,619	3,11[illegible]	2,594	35	29	...	...	...	...	...	...	3	1	4	7	1	3	19	776	742	1,518
17	Amritsar ...	990,990	3,346	2,627	40	3[illegible]	...	...	...	...	...	...	3	1	25	10	1	2	51	704	751	1,455
18	Gurdáspur ...	940,785	2,92[illegible]	2,158	37	27	...	...	...	...	...	...	1	5	7	8	...	...	21	702	650	1,362
19	Siálkot ...	1,098,712	3,846	2,494	41	27	...	...	...	...	...	...	9	8	25	18	2	4	66	740	759	1,499
20	Gujrát ...	760,823	2,187	1,518	34	23	...	...	...	...	...	...	...	..	1	1	...	...	2	490	475	974
21	Gujránwála ...	690,061	2,564	1,908	44	33	..	...	...	...	...	...	1	...	...	...	...	...	1	708	654	1,362
22	Shahpur ...	493,535	1,133	1,005	27	24	...	...	...	...	...	...	...	1	...	...	...	...	1	282	236	618
23	Jhelum ...	605,774	1,329	1,206	26	23	...	...	...	...	...	...	...	..	...	1	...	...	[illegible]	382	433	815
24	Ráwalpindi ...	845,259	1,850	1,638	26	23	...	...	...	...	...	...	2	...	...	1	...	...	[illegible]	601	570	1,171
25	Hazára ...	476,125	1,367	736	34	1[illegible]	...	...	...	..	...	...	[illegible]	1	6	3	...	...	1[illegible]	230	223	453
26	Pesháwar ...	679,183	1,43	1,251	25	22	...	...	...	...	...	...	...	...	1	1	...	...	2	518	495	1,013
27	Kohát ...	182,487	314	327	2[illegible]	2[illegible]	...	...	...	...	...	...	...	...	3	4	...	1	8	131	126	26[illegible]
28	Bannu ...	369,972	691	72[illegible]	22	23	...	...	...	...	...	...	...	...	...	...	...	...	...	329	274	603
29	D. I. Khan ...	482,463	455	898	11	22	...	...	...	...	...		...	1	4	...	...	...	5	370	345	715
30	D. G. Khan ...	399,860	458	558	13	16	...	...	...	...	...	...	...	1	3	3	1	1	9	241	203	447
31	Muzaffargarh	381,072	3[illegible]1	60[illegible]	12	19		...	...	...	...	...	...	...	1	1	1	...	3	256	243	499
	TOTAL ...	20,553,982	55,354	45,334	32	26	128	193	321	...	...	...	5	50	230	218	16	32	604	14,414	14,278	28,69[illegible]
	Total in previous month...	...	49,733	55,469	29	33	201	25[illegible]	451	...	...	...	90	69	354	306	50	58	927	18,828	18,056	36,88[illegible]
	Total in same month of past year ...	...	73,125	38,907	42	22	...	...	...	98	77	175	200	158	345	344	116	130	1,29[illegible]	11,57[illegible]	11,287	22,8[illegible]

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 5th September 1898.

THE MONTH OF JULY 1898.

the Punjab during the month of July 1898.

OF DEATH.																						
Dysentery and Diarrhœa.			INJURIES. *Suicide.*			*Wounding.*			*Accidents.*			*Snake-bite and killed by wild beasts.*			ALL OTHER CAUSES.			TOTAL DEATHS FROM ALL CAUSES.			DISTRICTS.	No.
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	2	1
26	25	51	...	...	...	...	...	...	14	5	19	5	...	5	237	206	443	938	854	1,792	Hissar.	1
10	7	17	...	...	...	...	...	...	4	14	18	1	...	1	174	157	331	602	577	1,179	Rohtak.	2
42	47	89	3	11	14	1	...	1	9	12	21	...	4	4	318	21	535	1,046	1,010	2,056	Gurgaon.	3
32	30	62	2	1	3	...	...	...	7	8	15	3	1	4	309	268	577	812	781	1,593	Delhi.	4
24	23	47	...	...	...	1	1	2	14	11	25	6	5	11	551	554	1,105	1,499	1,566	3,065	Karnál.	5
32	27	59	...	2	2	...	...	...	23	7	30	2	...	2	247	244	491	1,007	974	1,981	Umballa.	6
7	9	16	...	...	...	...	...	...	...	...	...	...	...	...	16	7	23	38	27	65	Simla.	7
33	21	54	...	...	...	1	...	1	14	11	25	3	2	5	145	180	325	540	631	1,171	Kángra.	8
28	33	61	...	1	1	1	...	1	35	11	46	2	3	5	359	322	681	929	930	1,859	Hoshiárpur.	9
24	25	49	...	...	...	...	1	1	19	10	29	...	1	1	401	424	825	1,036	1,112	2 148	Jullundur.	10
10	14	24	...	1	1	1	2	3	15	10	25	1	...	1	234	242	476	700	726	1,426	Ludhiána.	11
22	21	43	1	...	1	...	1	1	22	12	34	1	1	2	317	299	616	912	901	1,813	Ferozepore.	12
13	12	25	...	1	1	1	...	1	18	21	39	11	8	19	118	116	234	563	485	1,048	Mooltan.	13
8	9	17	...	...	...	1	...	1	10	10	20	8	8	16	184	153	337	629	534	1,163	Jhang.	14
9	5	14	...	...	...	3	...	3	13	5	18	10	3	13	158	156	314	382	335	717	Montgomery.	15
27	18	45	2	5	7	1	3	4	30	16	46	9	6	15	502	438	940	1,265	1,239	2,504	Lahore.	16
30	32	62	2	...	2	2	2	4	24	14	38	3	1	4	512	499	1,011	1,306	1,321	2,627	Amritsar.	17
47	27	74	...	1	1	...	...	...	28	8	36	3	3	6	321	337	658	1,109	1,049	2,158	Gurdáspur.	18
36	26	62	2	1	3	2	1	3	20	13	33	9	...	9	441	378	819	1,286	1,208	2,494	Siálkot.	19
11	4	15	...	...	...	...	...	...	14	11	25	6	1	7	251	244	495	782	736	1,518	Gujrát.	20
4	6	10	1	...	1	4	...	4	24	17	41	20	10	30	224	235	459	986	922	1,908	Gujránwála.	21
19	17	36	...	...	...	3	1	4	12	9	21	15	4	19	179	127	306	510	495	1,005	Shahpur.	22
13	21	34	...	...	...	...	...	...	13	5	18	3	3	6	173	159	332	584	622	1,206	Jhelum.	23
10	7	17	...	...	...	4	1	5	27	11	38	9	3	12	208	204	412	861	797	1,658	Ráwalpindi.	24
2	2	4	...	...	...	...	...	...	9	4	13	4	1	5	139	109	248	393	343	736	Hazára.	25
3	4	7	...	...	...	2	3	5	6	4	10	1	...	1	120	93	213	651	600	1,251	Pesháwar.	26
1	...	1	...	...	...	3	2	5	4	3	7	1	...	1	28	13	41	178	149	327	Kohát.	27
3	5	8	...	...	...	3	2	5	6	7	13	3	1	4	55	32	87	399	321	720	Bannu.	28
16	14	30	...	...	...	...	...	...	14	7	21	4	2	6	67	54	121	475	423	898	D. I. Khan.	29
8	1	9	...	1	1	3	...	3	8	7	15	2	6	8	35	31	66	304	254	558	D. G. Khan.	30
7	5	12	...	...	...	2	1	3	16	5	21	6	3	9	34	19	53	323	277	600	Muzaffargarh.	31
557	497	1,054	13	25	38	39	21	60	472	288	760	151	80	231	7,057	6,517	13,574	23,135	22,199	45,334	TOTAL.	
611	494	1,105	15	27	42	6	24	84	335	179	514	101	44	145	8,083	7,234	15,317	28,728	26,741	55,469	Total in previous month.	
518	412	930	16	17	33	47	17	64	433	262	695	145	86	231	6,545	6,084	12,629	20,033	18,874	38,907	Total in same month of past year.	

C. J. BAMBER, SURGEON-MAJOR,

Sanitary Commissioner, Punjab.

Remarks by the Sanitary Commissioner, Punjab.

Fifty-five thousand three hundred and fifty-four births were registered in the Province during the month of July 1898, giving a birth-rate of 32 per *mille* of population. Of the total number of births, 29,119 were boys and 26,235 were girls.

The total number of deaths registered from all causes in the Province during the month of July 1898 was 45,334 against 55,469 in the previous month and 38,907 in the corresponding month of the past year, giving an annual death-rate of 26, 33 and 22 per *mille* of population per annum respectively.

There were 32 deaths registered from plague in the Hoshiárpur District and 289 in the Jullundur District.

There was not a single death registered under the head of cholera.

From small-pox 604 deaths were registered against 927 in the previous month and 1,293 in the corresponding month of the past year; fevers 28,692 against 36,884 and 22,857; dysentery and diarrhœa 1,054 against 1,105 and 930.

During the month there were 38 deaths registered from suicide against 42 in the past month; wounding 60 against 84; accidents 760 against 514; snake-bite and killed by wild beasts 231 against 145; and from all other causes 13,574 against 15,317 and 12,629 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 5th September 1898.

C. J. BAMBER, SURGEON-MAJOR,
Sanitary Commissioner, Punjab.

Statement showing the number of Births registered according to classes in the several districts of the Punjab during the month of July 1898.

No.	Districts.	Christians.			Hindus.			Muhammadans.			Other Classes.			Total.			Birth-rate per *mille* per annum.	No.
		Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
1	Hissar ...	...	...	...	954	816	1,770	310	275	585	...	...	...	1,264	1,091	2,355	36	1
2	Rohtak ...	...	...	...	850	741	1,591	113	100	213	...	...	...	963	841	1,804	36	2
3	Gurgaon ...	...	1	1	816	740	1,556	502	455	957	...	...	...	1,318	1,196	2,514	44	3
4	Delhi ...	1	2	3	795	725	1,520	264	219	483	8	6	14	1,068	952	2,020	37	4
5	Karnál ...	1	...	1	969	929	1,898	381	324	705	...	...	...	1,351	1,253	2,604	36	5
6	Umballa ...	...	...	...	637	577	1,214	243	204	447	...	...	...	880	781	1,661	24	6
7	Simla ...	...	...	...	29	25	54	2	4	6	...	...	...	31	29	60	20	7
8	Kángra ...	...	...	...	916	796	1,712	46	44	90	...	...	...	962	840	1,802	28	8
9	Hoshiárpur ...	...	...	...	767	739	1,506	373	348	721	...	...	...	1,140	1,087	2,227	26	9
10	Jullundur ..	...	...	...	709	662	1,371	578	601	1,179	...	...	...	1,287	1,263	2,550	34	10
11	Ludhiána ...	...	...	...	661	579	1,240	311	290	601	...	...	...	972	869	1,841	33	11
12	Ferozepore ...	...	...	...	673	622	1,295	665	608	1,273	...	...	...	1,338	1,230	2,568	35	12
13	Mooltan ...	...	...	...	104	79	183	569	556	1,125	...	...	...	673	635	1,308	25	13
14	Jhang ...	...	...	...	126	98	224	598	514	1,112	...	...	...	724	612	1,336	36	14
15	Montgomery ...	...	...	...	156	137	293	534	471	1,005	...	...	...	690	608	1,298	31	15
16	Lahore ...	...	3	3	465	381	846	1,219	1,048	2,267	...	...	...	1,684	1,432	3,116	35	16
17	Amritsar ..	1	1	2	878	823	1,701	842	801	1,643	...	...	...	1,721	1,625	3,346	40	17
18	Gurdáspur ...	1	3	4	727	692	1,419	769	721	1,490	8	6	14	1,505	1,422	2,927	37	18
19	Siálkot ...	3	10	13	619	562	1,181	1,389	1,248	2,637	9	6	15	2,020	1,826	3,846	41	19
20	Gujrát ...	2	...	2	130	128	258	984	941	1,925	1	1	2	1,117	1,070	2,187	34	20
21	Gujránwála ...	4	2	6	325	291	616	1,013	929	1,942	...	...	...	1,342	1,222	2,564	44	21
22	Shahpur ...	...	...	...	64	68	132	553	448	1,001	...	...	...	617	516	1,133	27	22
23	Jhelum ...	...	...	...	74	61	135	651	543	1,194	...	...	...	725	604	1,329	20	23
24	Ráwalpindi ...	...	...	...	94	107	201	869	775	1,644	1	4	5	964	886	1,850	26	24
25	Hazára ...	...	...	...	35	35	70	680	617	1,297	...	...	...	715	652	1,367	34	25
26	Pesháwar ...	...	...	...	20	14	34	758	635	1,393	1	4	5	779	653	1,432	25	26
27	Kohát ...	...	...	...	...	3	3	190	121	311	...	...	...	190	124	314	20	27
28	Bannu ...	...	...	...	23	27	50	356	285	641	...	...	...	379	312	691	22	28
29	Dera Ismail Khan	...	...	...	34	28	62	208	185	393	...	...	...	242	213	455	11	29
30	Dera Ghází Khan	...	...	...	28	24	52	215	188	403	3	...	3	246	212	458	13	30
31	Muzaffargarh ...	...	...	...	22	20	42	190	159	349	...	...	...	212	179	391	12	31
	Total ...	13	22	35	12,700	11,529	24,229	16,375	14,657	31,032	31	27	58	29,119	26,235	55,354	32	

Sanitary Commissioner's Office, Lahore:
The 5th September 1898.

C. J. BAMBER, Surgeon-Major,
Sanitary Commissioner, Punjab.

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF JUNE 1898.

Month.	Documents registered.			Total collections, inclusive of copying fees.	Total expenditure, inclusive of that paid out of copying fees.	Remarks.
	Compulsory.	*Optional.* Relating to immoveable property.	*Optional.* Others.			
				Rs.	Rs.	
June 1898	16,932	7,027	830	57,408	15,018	
June 1897	20,6[illegible]5	8,719	938	69,154	16,972	
Difference ...	— 3,693	— 1,692	— 108	— 11,746	— 1,954	
First 3 months of 1898-99	30,087	11,132	2,116	1,08,066	32,994	
First 3 months of 1897-98	37,876	15,298	2,388	1,34,003	37,384	
Difference ...	— 7,789	— 4,166	— 272	— 25,937	— 4,390	

OFFICE OF INSPR.-GENL. OF REGTN., PUNJAB,
LAHORE,
The 24th August 1898.

C. PARSONS,
Offg. Inspector-General of Registration, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 27th August 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other Earnings (estimated)	Total Earnings.	Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
	-	Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	(a) 17,272	(a)13,764 15 0	80,244 30	8,806 5 0	56 0 0	22,627 4 0	6,973	2,788	9,761
Or per mile of Railway	...	84 13 6	...	54 4 6	0 5 6	139 7 6	...	...	...
For previous 7 2/7 weeks of half year	130,281	1,06,210 3 0	464,918 0	56,819 0 0	400 0 0	1,63,429 3 0	51,300	20,851	72,151
Total for 82 weeks ...	147,553	1,19,975 2 0	545,162 30	65,625 5 0	456 0 0	1,86,056 7 0	58,273	23,639	81,912
Comparison.									
Total for corresponding week of previous year ...	17,719½	25,028 14 3	139,347 0	12,538 15 0	73 11 9	37,641 9 0	8,148	4,755	12,903
Per mile of Railway corresponding week of previous year.	...	154 4 4	...	77 4 7	0 7 3	232 0 2	...	...	...
Total for corresponding 8 3/7 weeks of previous year ...	145,571	1,49,760 2 5	658,631 10	89,945 1 0	633 4 3	2,40,339 7 8	66,162	31,923	98,085

(a) The decrease is due to the running of troop extra trains in the corresponding period of 1897.

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 1st September 1898

J. A. MARSHALL,
for *Acting Chief Auditor.*

Punjab Government Press, Lahore—15 9 98—690.

No. 38 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, SEPTEMBER 22, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 20th SEPTEMBER 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	2·84 in Bhiwáni ... 0·21 in Hánsi. 0·02 in Fatahabad. 0·90 in Sirsa.	1. Sufficient ... 2. Good.	Wheat 16 seers ... Bájra 18 seers. Gram 19 seers.	Recent rain slightly benefited standing crop, but it mostly dried up for want of rain. Canal crops flourishing.	...
2	Delhi ...	0·20 ...	1. Sufficient ... 2. Fair.	Wheat 16 seers ... Gram 19¼ seers. Bájra 20 seers.	Prospects of crops fair ...	Ploughings commenced.
3	Umballa ...	0·44 ...	1. Sufficient ... 2. Good.	Wheat 19¼ to 20¼ seers. Gram 21½ to 22½ seers. Maize 29 seers.	Standing crops ripening ...	Ploughings in progress.
4	Jullundur ...	Good rainfall throughout.	2. Good ...	Wheat 21 seers ... Gram 22 seers. Barley 29 seers.	Crops in good condition ...	Ploughings continue.
5	Ferozepore ...	1·21 at Sadr ... 1·25 in City. 1·31 in Moga. 1·69 in Zira. 0·30 in Muktsar. 0·57 in Nathana. 0·23 in Jalalabad.	1. Sufficient ... 2. Good.	Wheat 17 seers ... Barley 30 seers. Jowár 20 seers. Bájra 16 seers. Gram 21 seers. Maize 18 seers.	More rain wanted ...	...

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	0.42 at Sadr ... 0.52 in Mailsi. 0.70 in Lodhrán. 1.50 in Shujabad. 0.58 in Khabírwála.	2. Good ...	Wheat 17 seers ...	Crops in good condition ...	Sowings commenced.
7	Lahore ...	0.05 in Chúnián ... 0.32 in Kasúr. 0.04 in Sharakpur.	1. Sufficient ... 2. Good.	Wheat 17 to 19 seers. Maize 22 to 23 seers.	Irrigation in progress. Báráni (dependent on rain) crops are suffering from want of rain, but well and canal crops are in fair condition.	Ploughings going on. Rapeseed is being sown.
8	Amritsar ...	0.67 average ...	1. Sufficient ... 2. Good.	Wheat 20 seers ... Maize 29 seers.	Crops in good condition. Rice crop harvesting in progress.	Ploughings going on.
9	Siálkot ...	1.68 average ...	1. Sufficient ... 2. Good.	Wheat 18½ to 19½ seers. Rice 11 to 12 seers.	Condition good ...	Sowings of inferior crops commenced.
10	Shahpur ...	1.00 at Sadr ... 0.41 in Khusháb.	1. Sufficient ... 2. Good.	Wheat 17 to 20 seers. Bájra 20 to 24 seers.	More rain needed ...	...
11	Ráwalpindi ...	3.27 at Sadr ... 2.92 in Pindigheb. 3.85 in Fatahjang. 1.40 in Attock. 1.57 in Gujar Khan. 1.74 in Kahúta. 2.57 in Murree.	1. Sufficient ...	Wheat 18½ seers. Bájra 20 seers. Maize 24 seers.	Prospects average ...	...
12	Peshawar ...	0.36 at Sadr ... 0.18 in Tánk. 0.06 in Kuláchi. 1.00 in Bhakkar. 1.65 in Shekh Budin	1. Procurable... 2. Fair.	Wheat 17½ seers Bájra 22¾ seers.	Recent rain has benefited the standing crops, but more is badly wanted. Condition of standing crops average in Tánk and Kuláchi, much improved in Bhakkar, poor in Leiah, and a failure in Dera Tahsíl.	...
13	D. I. Khan ...	Slight rainfall ...	1. Sufficient ... 2. Good.	Wheat $15\frac{5}{16}$ seers. Maize $26\frac{5}{16}$ seers.	Condition of standing crops good	...

GENERAL REMARKS.

Rainfall.—Rain ranging from 2½ inches to $\frac{1}{10}$th of an inch on average has fallen all over the Province.

Prices.—Especially of wheat are rising in Lahore and Dera Ismail Khan and falling in other districts except Ferozepore, Mooltan and Shahpur, where the figures are unchanged. Wheat is selling from $15\frac{5}{16}$ to 21, gram 19 to 22½, barley 29 to 30, bulrush millet 16 to 24, maize 18 to 29, great millet 20, and rice 11 to 12 seers per rupee.

Agricultural operations.—Irrigation of autumn crops going on in Lahore. Rice crop is being harvested in Amritsar. Ploughings for spring crops generally commenced. Sowings of rapeseed and other inferior spring crops have commenced.

Crops and outturn.—Condition and prospects of standing crops are generally reported good. Standing crops have been benefited by the recent rain, but more is still wanted in most districts. The crops have been totally dried up in parts of Hissar and Dera Ismail Khan, and the prospects of other crops are average to poor in Ráwalpindi and parts of Dera Ismail Khan. Irrigated crops are flourishing.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient throughout the Province.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 3RD SEPTEMBER 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	3	5	8	8	4	4	...	...	...	5	...	...	3	2	2	4	25	25	1
2		Hansi ...	15,190	8	6	14	6	3	3	...	...	...	1	2	...	3	1	1	2	48	21	2
3		Bhiwani ...	35,487	18	13	31	33	19	14	...	...	1	12	6	...	14	9	6	15	46	48	3
4		Sirsa ...	16,415	9	5	14	10	8	2	...	...	...	6	1	...	3	3	1	4	44	32	4
5	Rohtak ...	Rohtak ...	16,191	6	14	20	14	1	13	...		...	8	1		5	...	6	6	64	45	5
6		Jhajjar ...	11,881	5	6	11	5	5	...	..		...	4	...	...	1	2	...	2	48	22	6
7	Gurgaon ...	Rewari ...	27,934	14	13	27	13	9	4	...	...	...	3	2	...	8	3	2	5	50	24	7
8		Palwal ...	11,227	6	5	11	13	8	5	...	...	...	7	1	2	3	5	...	5	51	60	8
9	Delhi ...	Delhi ...	189,648	92	79	171	132	73	59	...	...	...	80	6	...	46	19	12	31	47	36	9
10		Sonepat ...	12,611	5	6	11	11	9	2	...	...	...	8	1	...	2	3	2	5	45	45	10
11	Karnal ...	Karnal ...	21,530	10	13	23	26	16	10	...	...	...	19	4	...	3	7	3	10	56	63	11
12		Kaithal ...	15,768	8	7	15	21	11	10	...	...	...	7	...	...	14	7	5	12	50	69	12
13		Panipat ...	27,547	16	10	26	10	5	5	...	...	...	3	...	1	6	2	4	6	49	19	13
14		Shahabad ...	11,473	2	3	5	4	3	1	...	...	...	1	1	...	2	...	...	...	23	18	14
15	Umballa ...	Umballa ...	26,856	9	9	18	12	8	4	...	...		2	2	...	8	3	1	4	35	23	15
16		Jagadhri ...	13,029	4	2	6	3	1	2	...	...	...	2	...	...	1	...	1	1	24	12	16
17		Sadhaura ...	10,445	3	...	3	2	1	1	...	...	...	1	...	...	1	...	...	...	15	10	17
18	Hoshiarpur	Hoshiarpur ...	17,546	14	6	20	21	9	12	...	...	...	7	6	...	8	6	6	12	59	62	18
19		Tanda and Urmar	11,632	5	4	9	5	1	4	...	...	...	3	1	...	1	1	1	2	40	22	19
20	Jullundur ...	Jullundur ...	50,375	23	18	41	32	16	16	...	...	...	16	4	...	12	4	4	8	42	33	20
21		Rahon ...	10,667	3	1	4	11	6	5	...	...	...	3	1	...	7	2	1	3	20	54	21
22		Kartarpur ...	10,441	5	1	6	4	3	1	...	...	...	2	...	...	2	...	1	1	30	20	22
23	Ludhiana ...	Ludhiana ...	46,024	13	13	26	25	11	14	...	...	...	16	4	...	5	4	6	10	29	28	23
24		Jagraon ...	18,116	7	12	19	15	9	6	...	...	...	3	3	...	9	6	4	10	55	43	24
25	Ferozepore ...	Ferozepore ...	25,337	8	5	13	14	8	6	...	...	...	12	...	...	2	2	...	2	27	29	25
26	Mooltan ...	Mooltan ...	64,265	29	29	58	34	19	15	...		...	12	8	...	14	9	7	16	47	28	26
27	Jhang ...	Maghiana ...	13,866	12	10	22	11	3	8	...	...	...	1	...	...	10	1	6	7	83	41	27
28		Chiniot ..	13,476	11	15	26	16	7	9	...	...	...	6	...	...	10	3	6	9	101	62	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore	Lahore ..	159,597	53	46	99	126	57	69		...	...	77	13	...	36	14	20	34	32	41	29
30	Lahore ...	Kasur ..	20,290	8	1[illegible]	20	11	6	5	..	...	...	6	...	...	5	1	1	2	51	28	30
31	Lahore	Chunian ...	10,339	6	8	14	6	2	4		...	...	2	...	...	4	1	2	3	71	30	31
32	Amritsar ...	Amritsar ...	135,401	66	68	134	109	43	66		...	...	71	4	...	34	15	17	32	52	42	32
33	Gurdaspur ...	Batala ...	27,22[illegible]	17	16	33	19	9	10		...	...	9	1	...	9	4	5	9	63	36	33
34	Sialkot ...	Sialkot ...	33,965	27	23	50	3[illegible]	18	20	..	...	...	19	1	...	18	6	4	10	77	58	34
35	Gujrat ...	Gujrat ...	17,671	12	7	19	15	11	4		...	...	8	1	...	6	2	...	3	56	44	35
36	Gujrat	Jalalpur ..	11,065	4	2	6	8	5	[illegible]		...	...	4	2	...	2	1	...	1	28	38	36
37	Gujranwala ...	Gujranwala ...	25,892	12	5	17	19	10	9	..	...	...	11	1	...	7	3	2	5	34	38	37
38	Gujranwala	Wazirabad ...	15,786	4	5	9	12	6	6	..	...	..	6	3	...	3	1	3	4	3	40	38
39	Shahpur ...	Bhera ...	17,428	1	5	16	9	3	6	..	..	...	5	1	...	3	1	...	1	48	27	39
40	Jhelum ...	Pind Dadan Khan	15,055	3	3	6	12	4	8	...	...	...	7	3	..	2	...	1	1	21	42	40
41	Rawalpindi ...	Rawalpindi ...	38,334	1	10	20	26	15	11	...	...	...	15	3	1	7	4	1	5	27	35	41
42	Peshawar ...	Peshawar ...	63,079	22	1	38	28	9	19	..	...	...	22	1	...	5	3	2	5	31	23	42
43	Kohat ...	Kohat ...	14,347	3	2	5	10	5	5	...	...	1	4	1	...	4	..	...	..	18	36	43
44	D. I Khan ...	Dera Ismail Khan	21,573	8	1	9	21	15	6	...	...	...	13	4	...	4	5	...	5	22	51	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	8	4	12	10	5	5	...	...	...	5	2		3	1	...	1	26	22	45
	Grand Total	...	1,412,775	622	543	1,165	990	499	491	..	...	2	534	95	4	355	166	146	312	43	37	
	Hill Sanitaria.																					
	Simla	... ...	13,279	4	3	7	4	4	...	...	.	...	3	...	...	1	2	...	2	27	16	
	Dharmsala	... ..	2,778	...	4	4	2	...	2	...	...	...	1	...	...	1	...	..	...	75	38	
	Dalhousie	... ...	807	...	...	...	2	1	1	...	...	...	1	...	...	1	...	1	1	...	129	
	Murree	... ...	1,459	3	...	3	2	1	1	...	...	...	...	...		2	1	1	2	107	71	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 17th September 1898.

C. J. BAMBER, SURGEON-MAJOR,
Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 3RD SEPTEMBER 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 1,165 births were registered (622 males and 543 females), giving a birth-rate of 43 per *mille* of population; 990 deaths were registered (499 males and 491 females), giving a death-rate of 37 per *mille* of population.

C. J. BAMBER, SURGEON-MAJOR,
Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 17th September 1898.

TABLE OF RAINFALL RECORDED AT STATIONS IN TH

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab, South.	Hissar.	Sirsa	0·34	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fatahabad	0·07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hissar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hansi	0·10	...	...	...	0·11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhiwani	0·21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Budhlada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jind State.	Dhaneta C	...	...	0·70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Safidan C	...	0·35	0·40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jind C	...	...	...	...	...	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bikaner State.	Chhani C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ferozepore.	Moga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Zira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ferozepore Sadr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ferozepore City	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muktsar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fazilka	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nathana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jalalabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Govindgarh C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phidda C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Montgomery.	Gugera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Montgomery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakpattan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dipalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sandyanwala C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Central.	Gurgaon.	Farukhnagar	...	...	0·34	1·81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jatusana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rewari	0·05	...	1·46	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shahjahanpur	1·00	...	2·20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tauru	0·30	...	0·70	1·70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nuh	2·31	2·44	0·08	1·04	...	...	...	...	0·04	...	...	...	...	...	...	...	...	...	...	...
		Firozpur	0·89	1·50	1·47	0·35	0·05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hodal	...	0·80	0·27	0·96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hattin	...	1·00	0·80	1·36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palwal	...	0·55	1·43	0·11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sohna	...	1·50	3·50	1·30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gurgaon	R.	0·16	1·24	0·79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Punahana	...	1·75	0·20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rohtak.	Rohtak	...	0·05	...	...	0·11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gohana	...	...	1·30	...	0·40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sampla	...	...	...	0·12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhajjar	...	...	...	0·40	0·17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Delhi.	Ballabgarh	...	...	1·47	1·67	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahrauli	.	1·70	0·50	2·68	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr (Delhi)	0·04	0·07	0·80	2·70	0·18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sonepat	0·01	...	0·18	0·25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

PUNJAB FOR THE MONTH OF AUGUST 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st August 1898.	Average rainfall from 1st October up to 31st August.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	1	4·7	0·34	3·30	0·34	8·56	11·92	Sirsa	Hissar.	Punjab, South.
...	...	...	...	...	...	...	...	...	...	0	4·5	0·07	3·89	0·07	8·75	14·36	Fatahabad		
...	...	...	0·23	...	0·01	...	...	...	...	1	5·6	0·24	4·25	0·23.	10·05	14·54	**Hissar**		
...	...	0·32	...	...	...	...	...	...	...	3	5·9	0·53	3·91	0·32	11·66	13·19	Hansi		
...	0·58	...	0·06	0·67	...	0·45	...	...	...	4	5·7	1·97	4·92	0·67	12·73	13·74	Bhiwani		
...	...	...	0·50	...	...	0·76	...	...	...	2	?	1·26	?	0·76	12·49	?	Budhlada		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	6·69	?	Tohana		
...	...	...	...	...	0·30	1·30	...	...	...	3	?	2·30	?	1·30	13·99	?	Dhaneta *C*	Jind State.	
...	...	...	1·00	...	...	...	...	...	...	3	?	1·75	?	1·00	15·10	?	Safidan *C*		
...	0·15	...	0·07	...	0·05	...	...	...	...	2	?	0·37	?	0·15	11·61	?	Jind *C*		
...	...	...	...	...	...	...	0·30	...	...	1	?	0·30	?	0·30	8·30	?	Chhani *C*	Bikaner State.	
...	...	...	...	...	...	...	...	...	...	0	4·8	0	3·81	0	15·62	13·76	Moga	Ferozepore.	
...	...	...	...	...	...	...	0·05	...	...	0	4·9	0·05	5·43	0·05	14·42	17·23	Zira		
...	...	...	...	...	...	...	...	...	...	0	4·4	0	4·51	0	16·14	15·40	**Ferozepore Sadr**		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	15·56	?	Ferozepore City		
...	...	...	...	...	...	...	...	...	...	0	3·4	0	3·14	0	9·40	8·51	Muktsar		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	9·11	?	Fazilka		
...	...	...	...	...	0·59	...	...	...	...	1	?	0·59	?	0·59	10·55	?	Nathana		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	10·20	?	Jalalabad		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	5·50	?	Govindgarh *C*		
...	...	...	...	0·20	...	...	...	...	...	1	?	0·20	?	0·20	5·90	?	Phidda *C*		
...	...	...	...	...	...	...	...	...	...	0	3·0	0	2·06	0	8·23	7·25	Gugera	Montgomery.	
...	...	...	...	...	...	...	...	...	...	0	3·2	0	2·33	0	3·84	9·76	**Montgomery**		
...	...	...	...	...	...	...	...	...	...	0	3·2	0	1·95	0	3·37	7·08	Pakpattan		
...	...	...	...	...	...	...	...	...	...	0	3·7	0	1·20	0	7·44	6·82	Dipalpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Sandyanwala *C*		
...	...	...	...	...	0·40	0·08	0·40	...	...	4	?	3·03	?	1·81	13·62	?	Farukhnagar	Gurgaon.	Punjab, Central.
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	7·20	?	Jatusana		
...	...	...	0·12	...	0·03	...	0·04	...	...	2	7·4	1·78	6·87	1·46	12·26	18·49	Rewari		
...	...	...	...	...	...	...	...	...	...	2	?	3·20	?	2·20	18·66	?	Shahjahanpur		
...	...	...	...	...	...	0·24	...	...	...	4	?	2·94	?	1·70	13·74	?	Tauru		
...	...	...	...	0·21	0·58	...	0·13	...	0·05	6	7·9	6·88	6·64	2·44	18·40	20·60	Nuh		
...	...	...	0·26	...	0·02	0·04	...	0·05	0·07	5	9·1	4·70	7·85	1·50	13·97	18·71	Firozpur		
...	...	...	0·05	1·50	0·55	1·10	...	0·12	...	7	?	5·35	?	1·50	13·54	?	Hodal		
...	...	...	...	1·23	2·60	0·68	...	...	...	6	?	7·67	?	2·60	17·98	?	Hattin		
...	...	...	0·07	1·60	0·84	...	...	...	...	5	7·7	4·60	6·42	1·60	16·10	19·72	Palwal		
...	...	...	...	0·30	...	0·81	...	...	...	5	?	7·41	?	3·50	12·01	?	Sohna		
...	...	...	0·17	1·34	0·75	R.	R.	...	...	6	8·2	4·46	6·64	1·34	13·95	21·20	**Gurgaon**		
...	...	...	0·98	0·08	0·20	0·28	...	...	0·40	6	?	3·89	?	1·75	12·69	?	Punahana		
...	...	...	1·17	0·55	0·20	...	...	...	...	4	6·0	2·08	5·13	1·17	17·32	16·69	**Rohtak**	Rohtak.	
...	...	...	...	0·36	...	...	...	0·37	...	4	6·1	2·43	4·29	1·30	15·44	16·66	Gohana		
...	...	...	0·20	0·50	0·13	...	...	...	...	4	6·8	0·95	5·29	0·50	12·67	17·39	Sampla		
0·30	...	...	0·20	0·58	...	0·35	...	...	0·20	7	6·9	2·20	5·43	0·58	14·72	16·68	Jhajjar		
...	...	...	...	1·13	0·14	0·24	...	...	...	5	8·1	4·65	5·98	1·67	14·55	20·23	Ballabgarh	Delhi.	
...	...	...	...	1·82	...	...	...	...	...	4	?	6·70	?	2·68	17·97	...	Mahrauli		
...	...	...	0·17	0·88	0·70	0·08	...	0·16	...	7	9·0	5·78	7·15	2·70	15·70	23·01	**Sadr (Delhi**		
...	...	...	0·21	1·04	...	...	...	...	...	4	7·0	1·69	6·61	1·04	16·12	19·06	Sonepat		

Table of Rainfall recorded at Stations in th

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Central—*concluded.*	Karnal.	Panipat	...	...	0·50	...	0·03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03
		Karnal	...	0·52	0·53	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajaund	0·14	0·15	...	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kajthal	...	0·15	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gulah	...	0·15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Thansear	...	...	1·33	...	...	...	...	...	...	...	0·07	...	...	...	...	...	...	...	...	...	...
	Lahore.	Van *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chunian	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kasur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pambe *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sharakpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Niaz Beg *C*	...	...	...	...	0·50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lahore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Meean Meer *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manihala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dafthu *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nijabat *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Submontane.	Umballa.	Jagadhri	...	...	0·38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Umballa	...	0·20	1·93	...	0·10	...	...	...	...	...	0·04	...	...	...	...	...	...	...	...	...	...
		Naraingarh	0·30	0·10	0·34	...	0·35	0·76	...	...	...	...	0·07	0·04	...	...	...	...	...	...	...	...	...
		Kharar	...	0·36	0·76	...	...	0·76	...	...	...	...	...	...	0·11	...	...	...	...	...	...	...	...
		Rupar	...	0·80	0·80	...	0·12	...	...	...	...	...	...	...	...	...	...	...	0·17	...	...	...	...
		Dadupur *C*	...	0·20	1·30	0·30	...	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patiala State.	Kotra *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jodhpur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raniki *C*	...	...	0·05	0·26	0·16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lehal *C*	...	...	1·28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujran *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barthala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nabha State.	Dadahur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bundher *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ludhiana.	Samrala	...	...	0·76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ludhiana	...	...	...	0·06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jagraon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jullundur.	**Jullundur**	...	...	0·54	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nakodar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phillour	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nawashahr	...	...	...	...	0·52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of August 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st August 1898.	Average rainfall from 1st October up to 31st August.	Station.	District.	Meteorological Division.
...	0·28	0·04	0·03	1·95	0·19	0·08	...	...	...	4	6·7	3·13	5·27	1·95	15·07	18·60	Panipat	Karnal.	Punjab, Central—*concluded.*
...	0·37	...	...	0·88	...	...	...	...	...	4	8·8	2·30	5·92	0·88	18·95	25·03	**Karnal**		
...	...	...	0·06	1·50	0·17	...	...	...	...	5	?	2·12	?	1·50	14·33	?	Rajaund		
...	...	0·09	...	1·93	...	0·17	...	...	...	4	5·4	2·44	3·09	1·93	15·34	15·19	Kaithal		
...	...	...	...	0·04	1·95	...	...	...	...	2	?	2·14	?	1·95	16·84	?	Gulah		
...	0·15	...	...	1·40	...	...	0·19	...	...	4	6·9	3·14	6·73	1·40	25·28	22·11	Thanesar		
...	...	...	...	...	...	...	...	...	...	0	4·4	0	3·88	0	14·87	13·88	Van *C*	Lahore.	
...	...	...	...	...	...	...	...	0·11	...	1	3·5	0·11	5·35	0·11	10·85	13·38	Chunian		
...	...	...	...	...	...	...	...	...	...	0	3·4	0	3·15	0	12·83	10·58	Kasur		
...	...	...	...	...	...	...	...	...	...	0	3·5	0	3·40	0	16·60	14·46	Pambe *C*		
...	...	...	...	...	...	0·43	...	...	...	1	3·5	0·43	3·62	0·43	18·04	9·86	Sharakpur		
...	...	...	...	...	...	...	...	...	...	1	4·2	0·50	5·07	0·50	19·28	18·00	Niaz Beg *C*		
...	...	...	...	...	0·88	0·06	...	...	...	1	5·1	0·94	4·63	0·88	17·77	15·36	**Lahore**		
...	...	...	...	...	0·25	...	...	...	...	1	5·2	0·25	5·10	0·25	26·19	20·38	Meean Meer *C*		
...	...	...	...	...	...	0·60	...	...	...	1	5·1	0·60	3·69	0·60	13·85	15·92	Manihala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	13·20	?	Dafthu *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	6·27	?	Nijabat *C*		
...	1·70	0·19	1·40	5·35	0·02	...	2·85	0·09	...	6	8·6	11·98	11·02	5·35	26·83	33·54	Jagadhri	Umballa.	Punjab, Submontane.
...	...	0·09	...	1·60	...	...	0·93	...	0·87	6	7·3	5·76	7·51	1·93	26·94	27·78	**Umballa**		
...	2·83	1·46	1·46	1·83	0·20	...	0·42	...	...	11	9·5	10·16	11·08	2·83	30·40	32·17	Naraingarh		
...	0·05	...	...	1·23	...	...	0·98	...	...	6	7·8	4·25	7·51	1·23	23·81	27·18	Kharar		
0·14	0·09	...	1·50	...	...	...	0·09	...	...	6	8·5	3·71	7·43	1·50	27·79	24·21	Rupar		
...	2·40	0·20	1·90	2·00	0·10	...	1·40	0·50	...	11	?	10·40	?	2·40	32·30	?	Dadupur *C*		
...	...	...	0·35	...	...	...	...	...	...	1	?	0·35	?	0·35	11·90	?	Kotra *C*	Patiala State.	
...	...	...	...	...	...	...	0·18	0·33	...	2	?	0·51	?	0·33	7·34	?	Jodhpur *C*		
...	...	...	0·04	...	0·05	...	...	...	...	2	?	0·56	?	0·26	15·40	?	Raniki *C*		
...	0·03	...	...	0·56	...	0·32	...	...	...	3	?	2·19	?	1·28	16·16	?	Lehal *C*		
...	...	...	...	...	0·22	...	...	...	...	1	?	0·22	?	0·22	20·75	?	Gujran *C*		
...	...	...	...	0·03	0·31	0·27	...	...	...	2	?	0·61	?	0·31	21·39	?	Barthala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	15·85	?	Dadahur *C*	Nabha State.	
...	...	...	...	0·24	...	...	...	0·04	...	1	?	0·28	?	0·24	9·56	?	Bundher *C*		
...	...	...	...	0·07	0·18	0·25	0·12	...	...	4	6·9	1·38	6·73	0·76	16·38	23·38	Samrala	Ludhiana.	
...	...	...	...	...	1·29	...	0·05	...	...	1	7·0	1·40	5·61	1·29	20·03	22·24	**Ludhiana**		
...	...	...	...	...	0·22	0·01	...	...	0·25	2	6·2	0·48	5·44	0·25	22·27	16·38	Jagraon		
...	...	...	0·29	1·44	0·20	0·20	...	0·45	...	6	6·2	3·12	6·93	1·44	18·73	23·67	**Jullundur**	Jullundur.	
...	...	...	...	...	2·17	0·79	0·05	...	0·14	3	6·6	3·15	6·41	2·17	22·80	22·17	Nakodar		
...	...	...	...	0·03	1·07	...	0·41	...	...	2	7·1	1·51	5·13	1·07	19·61	20·17	Phillour		
...	...	...	0·85	0·21	...	0·76	...	...	...	4	7·5	2·34	6·55	0·85	25·02	22·63	Nawashahr		

Table of Rainfall recorded at Stations in t[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Submontane—concluded.	Hoshiarpur.	Dasuya ...	...	...	1·06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Una ...	0·05	0·91	...	...	...	0·81	0·04	0·20	0·18	...	0·03	...	...	...	...	0·20	...	...	...	...	...
		Garhshankar ...	...	...	...	...	...	0·97	...	...	...	...	...	...	...	...	...	0·07	...	...	...	...	...
		Sadr Station ...	...	0·14	1·43	...	...	2·54	0·70	0·05	...	...	...	...	...	...	...	0·25	...	...	...	...	...
		Hoshiarpur ...	...	0·78	...	...	...	2·[illegible]5	0·90	0·08	...	...	...	...	...	...	...	0·30	...	...	...	...	...
	Gurdaspur.	Aliwal *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Batala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tibri *C* ...	...	...	...	...	0·30	...	0·05	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gurdaspur ...	...	...	...	...	0·32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pathankot ...	...	...	0·23	...	1·89	...	...	0·91	...	...	0·11	0·26	...	...	...	...	...	...	...	...	...
		Dalhousie ...	0·03	0·39	0·16	...	...	0·09	1·85	2·50	0·91	0·18	1·40	0·11	1·05	...	...	...	0·33	[illegible]·95	0·03	...	0·35
		Madhopur *C* ...	...	...	1·00	0·10	0·05	...	0·35	0·20	...	...	0·20	0·45	...	...	...	...	...	...	...	...	...
		Shakargarh ...	...	...	...	0·51	...	0·02	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...	...
	Amritsar.	Buchar *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khara *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tarn Taran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raya *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Amritsar Jail Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Amritsar *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Buggeh *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ajnala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Hill Division.	Simla.	Kasauli ...	0·10	4·30	2·50	2·40	1·00	0·50	...	3·00	...	0·10	0·38	0·16	...	...	...	...	...	...	...	...	...
		Barauli ...	1·90	2·82	1·27	...	...	...	...	...	0·32	...	...	...	...	...	...	...	...	...	...	...	...
		Simla ...	2·17	0·73	1·29	0·14	0·68	...	0·96	0·10	0·47	0·88	0·62	0·16	0·18	...	0·40	...	1·09	0·25	...	0·02	0·1[illegible]
		Kot Khai ...	0·[illegible]0	0·47	0·33	...	...	...	...	...	0·67	0·36	0·22	0·19	...	...	...	...	...	...	...	...	...
		Kotgarh ...	0·75	0·90	...	...	...	0·30	...	...	1·50	0·15	0·30	...	0·50	...	...	0·20	0·30	...	...	...	...
		Kilba ...	0·05	0·18	0·12	...	...	0·05	...	0·12	0·27	...	0·05	...	...	...	...	...	...	0·15	...	...	...
Punjab, North-West.	Kangra.	Plach ...	0·21	0·72	0·87	0·10	...	0·30	0·40	0·09	0·81	0·65	0·03	0·03	0·39	0·02	...	...	0·13	1·00	...	...	0·7[illegible]
		Kulu ...	0·11	0·55	0·81	0·03	...	...	0·21	0·11	0·09	0·03	...	...	...	...	...	...	...	0·77	...	...	...
		Nagar ...	...	1·50	...	0·70	...	...	...	1·20	0·30	...	...	...	...	...	...	...	0·40	...	...	...	...
		Palampur ...	0·18	2·07	0·33	...	...	4·19	1·52	2·94	5·02	2·40	2·06	0·74	0·57	1·00	0·15	0·11	...	2·86	...	...	0·6[illegible]
		Hamirpur ...	...	2·10	...	...	0·20	...	1·73	1·24	...	0·15	1·25	0·32	...	...	...	...	...	1·00	...	...	1·5[illegible]
		Dera ...	...	1·80	1·90	...	...	...	0·30	0·40	...	...	0·46	0·30	...	...	...	0·[illegible]9	...	...	...	...	...
		Kangra ...	0·13	3·08	...	1·12	...	0·31	3·61	0·95	0·75	0·46	2·32	1·20	0·26	...	0·23	...	...	0·34	...	...	1·1[illegible]
		Dharmsala ...	1·27	2·20	0·70	...	0·18	0·10	1·63	1·75	1·00	0·61	0·97	4·84	1·19	2·40	2·00	0·35	0·10	4·57	0·50	...	0·7[illegible]
		Nurpur ...	...	4·10	0·93	...	0·03	...	3·55	0·03	...	...	1·15	0·30	...	...	...	...	...	...	...	...	...
	Gujranwala.	Ramnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Wazirabad ...	...	...	1·40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujranwala Sadr Kacheri.	...	...	0·70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shekhupura ...	...	...	...	...	0·30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hafizabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khangah Dogran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rampur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pacca Dalla *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Firoz *C* ...	...	...	...	0·40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sialkot.	Zafarwal ...	...	...	0·50	...	...	...	...	...	...	...	...	...	...	...	...	...	0·23	...	...	...	...
		Pasrur ...	...	...	0·36	...	0·03	0·01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daska ...	...	...	0·35	...	0·24	...	0·19	...	...	...	...	...	...	...	...	...	0·43	...	...	...	...
		Sialkot ...	...	...	...	...	0·19	0·26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of August 1898—continued.

25 22nd.	26 23rd.	27 24th.	28 25th.	29 26th.	30 27th.	31 28th.	32 29th.	33 30th.	34 31st.	35 Number of rainy days.	36 Average number of rainy days.	37 Total rainfall for the month.	38 Average rainfall for the month.	39 Heaviest rainfall during the month.	40 Total rainfall from 1st October 1897 up to 31st August 1898.	41 Average rainfall from 1st October up to 31st August.	3 Station.	2 District.	1 Meteorological Division.
...	...	...	...	1·87	0·75	...	0·11	...	0·25	5	8·4	4·04	8·47	1·87	33·07	29·1[illegible]	Dasuya	Hoshiarpur.	Punjab, Submontane—*concluded.*
...	...	2·55	...	1·23	0·03	...	0·08	0·70	0·85	9	11·5	7·86	10·5[illegible]	2·55	26·36	29·[illegible]4	Una		
...	...	...	0·0[illegible]	2·21	0·29	...	0·12	...	0·03	4	9·7	3·72	7·8	2·21	21·70	26·4	Garhshankar		
...	...	...	...	0·64	0·55	...	1·06	0·03	1·00	9	9·2	8·41	8·88	2·54	32·59	29·55	Sadr Station		
...	...	...	...	0·60	0·65	...	1·50	0·0[illegible]	0·7[illegible]	8	?	8·02	?	2·35	31·29	?	Hoshiarpur		
...	...	...	...	1·85	1·75	...	...	...	0·4[illegible]	3	7·4	4·00	5·81	1·85	30·08	21·75	Aliwal *C*	Gurdaspur.	
...	...	...	...	1·90	1·40	...	...	...	0·3[illegible]	3	7·4	3·63	8·45	1·9[illegible]	28·36	26·94	Batala		
...	...	...	...	1·80	1·00	...	0·30	0·20	0·55	6	7·8	4·20	7·51	1·80	22·45	26·24	Tibri *C*		
...	...	...	...	1·57	0·80	...	1·73	...	1·49	5	7·3	5·01	8·26	1·73	30·56	27·54	Gurdaspur		
...	...	0·91	0·3[illegible]	1·62	0·41	...	0·31	2·[illegible]4	...	11	10·8	9·97	14·77	2·94	37·37	42·86	Pathankot		
...	2·53	1·48	2·28	...	1·09	...	0·53	2·75	0·19	19	19·[illegible]	23·1[illegible]	23·75	2·95	64·31	73·01	Dalhousie		
...	...	2·70	...	2·15	0·55	...	0·35	2·00	0·0[illegible]	1[illegible]	14·7	10·15	16·83	2·70	36·55	46·3[illegible]	Madhopur *C*		
...	...	...	0·10	0·89	1·63	...	0·41	0·11	2·0[illegible]	8	9·0	4·02	10·51	1·63	28·69	33·68	Shakargarh		
...	...	...	...	...	...	...	...	...	0·0[illegible]	0	5·2	0·03	5·05	0·03	20·78	18·74	Buchar *C*	Amritsar.	
...	...	...	...	...	...	0·10	...	...	...	1	6·0	0·10	4·73	0·10	14·02	24·38	Khara *C*		
...	...	...	...	...	0·95	0·04	...	...	0·24	2	6·1	1·23	5·70	0·05	19·95	20·09	Tarn Taran		
...	...	...	...	1·84	...	...	...	...	0·7[illegible]	2	6·0	2·[illegible]6	7·83	1·84	19·67	22·89	Raya *C*		
...	...	...	...	1·36	0·60	...	...	...	...	2	6·5	1·96	6·93	1·36	23·30	22·27	Amritsar Jail Hospital.		
...	...	...	...	...	1·50	...	...	...	0·2[illegible]	2	?	1·70	?	1·50	20·17	?	Amritsar *C*		
...	...	...	...	...	1·25	...	...	...	...	1	5·0	1·25	5·11	1·25	24·67	19·76	Buggeh *C*		
...	...	...	...	0·12	1·28	...	...	...	0·22	3	5·3	1·62	5·45	1·28	23·88	16·74	Ajnala		
...	1·00	0·9[illegible]	0·72	2·14	...	...	0·50	0·28	...	16	17·3	19·78	18·87	4·50	43·93	52·79	Kasauli	Simla.	Punjab, Hill Division.
2·41	0·40	0·96	3·35	...	...	...	1·91	0·26	...	10	16·0	15·00	15·07	3·35	40·65	45·58	Barauli		
...	1·59	1·64	0·54	1·30	0·19	0·03	0·84	0·49	0·9[illegible]	24	18·5	18·77	18·05	2·17	47·16	58·84	Simla		
0·75	0·50	...	0·2[illegible]	...	...	...	...	...	...	10	15·4	4·21	12·04	0·75	24·89	47·47	Kot Khai		
0·30	0·35	0·20	0·35	0·45	...	...	...	0·15	...	15	14·5	6·70	13·54	1·50	29·92	53·13	Kotgarh		
...	0·34	...	...	0·2[illegible]	0·09	...	...	...	...	7	11·4	1·71	4·28	0·34	14·36	41·22	Kilba		
...	0·25	0·70	0·18	0·75	0·58	...	...	...	0·04	17	13·2	8·40	9·71	1·00	31·64	39·68	Plach	Kangra.	Punjab, North-West.
...	...	0·4[illegible]	...	1·22	0·24	...	...	...	...	9	9·5	4·59	8·[illegible]6	1·22	27·20	42·67	Kulu		
...	...	...	1·50	0·10	0·30	...	...	...	...	8	11·8	6·00	6·16	1·50	26·89	34·00	Nagar		
...	1·46	1·67	2·05	1·15	0·29	0·71	0·3[illegible]	2·06	0·50	25	19·7	36·96	30·71	5·02	96·96	9[illegible]·28	Palampur		
...	0·29	2·22	1·76	3·63	1·80	...	0·59	3·75	...	16	14·3	23·4[illegible]	15·56	3·75	5[illegible]·45	44·14	Hamirpur		
...	3·85	1·12	2·42	3·00	2·26	...	0·70	3·12	0·22	15	12·5	22·30	16·62	3·85	47·60	48·69	Dera		
...	5·15	2·30	1·68	0·70	0·33	...	4·55	4·95	...	21	16·8	35·62	22·14	5·15	69·[illegible]4	63·06	Kangra		
...	1·00	2·62	1·71	3·00	0·40	0·36	0·10	2·69	0·25	28	23·8	39·21	38·57	4·34	112·82	108·52	Dharmsala		
...	1·61	1·85	1·92	0·47	0·39	...	...	4·53	0·16	12	14·3	21·02	20·40	4·53	51·64	58·70	Nurpur		
...	...	...	1·07	0·8[illegible]	...	...	...	...	0·96	3	5·1	2·88	7·67	1·07	16·50	19·02	Ramnagar	Gujranwala.	
...	...	...	...	3·25	0·41	0·11	...	0·18	...	5	6·3	5·35	6·10	3·[illegible]5	19·2[illegible]	19·27	Wazirabad		
...	...	...	...	1·77	...	...	...	...	...	2	6·5	[illegible]·47	6·11	1·77	19·44	20·98	Gujranwala Sadr Kacheri.		
...	...	...	...	0·60	...	...	...	...	...	2	3·6	0·90	3·44	0·60	16·49	10·82	Shekhupura		
...	...	...	...	...	1·55	...	...	...	...	1	4·9	1·55	4·27	1·55	19·[illegible]6	16·19	Hafizabad		
...	...	...	...	...	0·25	...	...	...	...	1	?	0·25	?	0·25	20·07	?	Khangah Dogran		
...	...	...	...	0·80	...	...	...	...	...	1	?	0·80	?	0·80	12·90	?	Rampur *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	12·25	?	Pacca Dalla *C*		
...	...	...	...	...	...	...	...	...	...	1	?	0·[illegible]0	?	0·40	13·91	?	Firoz *C*		
...	...	...	...	3·78	0·93	...	0·22	...	0·70	6	8·0	6·36	7·92	3·78	32·06	27·31	Zafarwal	Sialkot.	
...	...	...	0·02	3·54	1·08	...	...	...	0·22	4	7·5	5·26	7·95	3·54	24·38	27·43	Pasrur		
...	...	...	...	0·17	1·76	...	...	...	0·11	3	5·4	2·04	6·22	1·76	25·25	19·37	Raya		
...	...	...	...	4·33	0·[illegible]7	...	...	...	...	6	6·[illegible]	5·91	7·22	4·33	24·56	23·04	Daska		
...	...	...	...	1·31	1·57	...	0·06	...	1·08	5	8·0	4·47	9·61	1·57	25·66	31·44	**Sialkot**		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, North-West—*concluded.*	Gujrat.	Sadr (Gujrat) ...	...	...	...	...	0·55	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kharian ...	...	...	0·32	...	0·68	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhelum.	Pind Dadan Khan...	...	...	0·03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr Station (Jhelum)	...	...	0·41	...	2·71	0·02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chakwal ...	...	0·22	0·76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Talagang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·24	0·08	...	...	...	...	...	...
	Rawalpindi.	Pindigheb ...	...	...	...	0·27	...	...	...	0·14	...	...	...	...	...	0·40	0·46	...	...	...	...	...	...
		Fatahjang ...	...	...	1·45	...	0·11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Attock ...	1·80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rawalpindi ...	...	...	...	...	...	...	...	...	0·02	...	...	...	0·38	...	...	...	...	...	...	...	...
		Gujar Khan ...	...	0·46	...	0·64	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kahuta ...	0·50	...	...	...	0·08	...	...	...	0·41	...	...	...	...	0·87	...	...	...	...	...	...	...
		Murree ...	0·78	0·72	0·86	...	0·10	1·95	1·45	0·84	0·86	0·02	...	1·05	2·30	...	...	...	...	...	...	...	...
	Peshawar.	Swabi ...	...	...	0·54	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lahor (Utman Bolak)	...	...	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nowshera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mardan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Katlang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Charsadda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nabakki ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Peshawar ...	...	...	...	...	...	...	...	0·32	...	...	...	...	...	...	...	...	...	...	...	...	...
		Abazai *C* ...	0·40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khan Mahi *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Para Chinar (Kurram)	...	...	0·11	...	...	...	...	0·05	...	...	...	0·02	0·04	0·08	0·26	...	...	...	0·46	...	...
	Hazara.	**Abbott-abad** ...	...	...	...	...	0·20	...	0·64	2·05	1·35	...	...	0·07	1·53	0·76	...	...	...	...	0·26	...	...
		Mansahra ...	...	...	0·20	...	...	...	...	0·42	0·27	...	...	0·73	1·37	...	...	...	...	...	0·16	...	...
		Haripur ...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	...	...	...	...	...	...
	Kohat.	**Kohat** ...	...	1·58	...	...	...	...	...	...	0·02	...	...	...	...	0·64	0·10	...	...	...	0·38	...	...
		Hangu ...	...	...	...	...	...	...	...	1·55	...	0·24	...	0·13	...	...	0·12	...	...	...	...	0·65	...
		Thal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banda Daud Shah...	...	0·26	...	0·27	...	...	...	0·17	0·12	0·24	...	...	...	0·80	1·62	...	...	...	...	...	...
		Khushalgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fort Lockhart ...	0·27	...	0·55	...	...	...	0·48	...	...	...	...	...	...	0·10	0·17	...	...	...	...	...	...
Punjab, West.	Bannu.	Mianwali ...	0·60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Isa Khel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	...	...	...	...	...
		Bannu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Marwat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of August 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st August 1898.	Average rainfall from 1st October up to 31st August.	Station.	District.	Meteorological Division.
...	...	...	...	2·79	0·44	...	...	0.07	0·55	4	6·7	4·40	6·24	2·79	20·82	23·62	**Sadr (Gujrat)**	Gujrat.	Punjab, North-West—*concluded.*
...	...	...	...	3·05	0·34	...	...	...	0·36	5	8·1	4·75	7·26	3·05	22·04	24·84	Kharian		
...	...	...	...	1·40	0·21	...	...	...	...	2	5·0	1·61	5·14	1·40	13·30	17·61	Phalia		
...	...	...	...	1·46	0·04	...	...	...	...	1	4·5	1·53	3·98	1·46	15·81	14·27	Pind Dadan Khan	Jhelum.	
...	...	...	...	4·08	0·12	...	...	...	...	4	6·8	7·34	4·49	4·08	25·21	19·60	**Sadr Station (Jhelum)**		
...	...	...	...	2·00	0·18	...	...	...	...	4	5·9	3·16	3·50	2·00	15·70	13·72	Chakwal		
...	...	...	...	0·83	...	...	...	...	...	2	5·3	1·15	3·72	0·83	19·09	15·97	Talagang		
...	...	...	...	3·25	...	...	...	...	...	5	4·8	4·52	4·43	3·25	16·03	16·62	Pindigheb	Rawalpindi.	
...	...	...	...	0·80	...	...	...	...	...	3	8·2	2·36	8·08	1·45	17·50	20·29	Fatahjang		
...	...	...	...	0·58	0·04	...	...	...	...	2	4·6	2·42	3·37	1·80	20·38	15·73	Attock		
...	...	...	...	3·04	0·02	...	...	...	0·84	3	8·3	4·30	6·37	3·04	20·77	27·68	**Rawalpindi**		
...	...	...	1·11	...	...	...	...	1·28	...	4	8·0	3·49	8·40	1·28	23·91	26·12	Gujar Khan		
...	...	1·07	...	2·56	...	...	...	...	1·81	6	9·9	7·30	10·85	2·56	30·92	33·39	Kahuta		
...	...	...	0·37	1·25	0·52	...	0·10	4·07	3·20	16	14·8	20·44	12·25	4·07	56·70	43·77	Murree		
...	...	...	...	0·75	...	...	...	...	...	2	3·3	1·29	3·14	0·75	20·92	14·21	Swabi	Peshawar.	
...	...	...	...	0·30	...	...	...	...	...	2	2·0	0·40	3·60	0·30	18·51	14·74	Lahor (Utman Bolak)		
...	...	...	...	1·05	...	...	...	...	...	1	2·9	1·05	2·24	1·05	12·56	13·12	Nowshera		
...	...	...	...	3·42	...	...	...	...	...	1	3·8	3·42	4·06	3·42	16·22	15·52	Mardan		
...	...	...	...	1·70	...	...	...	...	...	1	2·8	1·70	3·05	1·70	12·34	13·02	Katlang		
...	...	...	...	...	...	...	...	...	...	0	2·9	0	2·04	0	10·28	9·84	Charsadda.		
...	...	...	...	...	...	0·11	...	...	...	1	2·1	0·11	2·06	0·11	7·00	11·72	Nabakki		
...	...	...	...	...	...	...	...	...	...	1	2·2	0·32	1·81	0·32	11·84	11·25	**Peshawar**		
...	...	...	...	...	...	...	...	...	...	1	?	0·40	?	0·40	10·75	?	Abazai *C*		
...	...	...	...	0·30	...	...	...	...	...	1	?	0·30	?	0·30	7·90	?	Khan Mahi *C*		
...	...	...	...	...	...	...	...	1·50	0·06	4	?	2·58	?	1·50	23·87	?	Para Chinar (Kurram)		
...	...	...	...	1·08	0·06	...	...	0·13	1·85	10	11·5	9·98	9·97	2·05	43·09	41·65	**Abbott-abad**	Hazara.	
...	...	...	0·15	0·30	2·47	...	...	...	...	9	8·9	6·07	7·16	2·47	33·83	34·21	Mansahra		
...	...	...	...	0·38	...	...	...	...	0·62	3	7·3	1·50	5·36	0·62	22·05	26·87	Haripur		
...	...	...	...	0·13	...	...	...	...	...	5	4·7	2·85	2·90	1·58	13·54	16·81	**Kohat**	Kohat.	
...	...	...	...	0·30	0·12	...	...	...	...	7	?	3·11	?	1·55	23·02	?	Hangu		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	18·19	?	Thal		
...	...	...	...	1·54	...	...	...	...	...	8	?	5·12	?	1·62	22·66	?	Banda Daud Shah		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	3·75	?	Khushalgarh		
...	...	...	...	0·05	...	...	...	...	...	5	?	1·62	?	055	5·23	?	Fort Lockhart		
...	...	...	...	...	...	...	...	...	...	1	3·1	0·60	2·10	0·60	15·59	9·27	Mianwali	Bannu.	Punjab, West.
...	...	...	...	...	...	...	...	...	...	0	2·4	0·08	1·53	0·08	10·55	7·56	Isa Khel		
...	...	...	...	...	...	...	...	...	...	0	3·3	0	2·60	0	12·16	10·64	**Bannu**		
...	...	...	...	...	0·02	...	...	...	...	0	2·5	0·02	2·62	0·02	14·14	10·34	Marwat		

Table of Rainfall recorded at Stations in t

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, West—*concluded.*	Shahpur.	Midh	...	0·30	0·70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nurpur	...	0·35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mitha Tiwana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sakesar	0·35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naushahra	...	0·67	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shahpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...	...	...
		Bhera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Miani	...	...	0·22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhang.	Shorkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chiniot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Badwali *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tarkhani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muridwala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khewra *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Laklani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lyallpur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan.	Tank	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	...	...	...	...	...
		Kulachi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera Ismail Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhakkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shekh Budin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. G. Khan.	Sanghar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera Ghazi Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fort Munro	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jampur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muzaffargarh.	Alipur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muzaffargarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sinanwan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mooltan.	Mailsi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lodhran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shujabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mooltan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kabirwala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NOTE—R denote
D do.
T do.
H do.
S do.

Punjab for the month of August 1898—concluded.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 31st August 1898.	Average rainfall from 1st October up to 31st August.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	2	3·7	1·00	4·25	0·70	18·82	13·71	Midh	Shahpur.	Punjab, West—*concluded.*
...	...	...	...	...	...	...	...	...	...	0	2·8	0	1·96	0	10·14	11·24	Sahiwal		
...	...	...	...	...	...	...	...	...	...	1	1·8	0·35	1·49	0·35	9·82	6·22	Nurpur		
...	...	...	...	...	...	...	...	...	...	0	2·1	0	1·91	0	8·50	8·67	Mitha Tiwana		
...	...	...	...	...	...	...	...	...	...	1	5·0	0·35	4·[illegible]0	0·35	25·78	10·24	Sakesar		
...	...	...	...	...	...	...	...	...	...	1	4·8	0·67	2·88	0·67	16·72	14·44	Naushahra		
...	...	...	...	...	...	...	...	...	...	0	2·7	0	2·06	0	14·54	9·00	Khushab		
...	...	...	...	...	...	...	...	...	...	1	3·6	0·15	2·77	0·15	14·10	12·81	**Shahpur**		
...	...	...	0·53	...	...	...	...	...	...	1	3·7	0·53	3·54	0·53	13·22	13·58	Bhera		
...	...	...	...	1·51	...	...	...	...	...	2	4·5	1·73	3·73	1·51	12·61	14·09	Miani		
...	...	...	...	...	...	...	...	...	...	0	2·3	0	2·49	0	7·87	7·08	Shorkot	Jhang.	
...	...	...	...	...	...	...	...	...	...	0	2·2	0	1·65	0	5·36	7·97	**Jhang**		
...	...	...	...	...	...	...	...	...	...	0	3·4	0	2·62	0	12·22	10·44	Chiniot		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	12·46	?	Lyallpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	9·20	?	Badwali *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	7·06	?	Tarkhani *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	5·19	?	Muridwala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	5·95	?	Khewra *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	4·25	?	Laklani *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	12·30	?	Lyallpur *C*		
...	...	...	...	...	...	...	...	...	...	0	1·3	0·06	0·93	0·06	3·68	6·67	Tank	D. I. Khan.	
...	...	...	...	...	...	...	...	...	...	0	1·6	0	1·25	0	5·82	6·51	Kulachi		
...	...	...	...	...	...	...	...	...	...	0	2·5	0	1·46	0	5·92	7·48	**Dera Ismail Khan**		
...	...	...	...	...	...	...	...	...	...	0	2·5	0	1·54	0	2·86	6·67	Bhakkar		
...	...	...	...	...	...	...	...	...	...	0	2·8	0	1·61	0	5·27	6·49	Leiah		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	13·46	?	Shekh Budin		
...	...	...	...	...	...	...	...	...	...	0	2·1	0	1·48	0	9·29	6·64	Sanghar	D. G. Khan.	
...	...	...	...	...	...	...	...	...	...	0	1·9	0	1·80	0	4·31	7·92	**Dera Ghazi Khan**		
...	...	...	...	...	...	...	...	...	...	0	7·2	0	4·18	0	5·87	9·93	Fort Munro		
...	...	...	...	...	...	...	...	...	...	0	1·5	0	1·62	0	2·08	4·93	Jampur		
...	...	...	...	...	...	...	...	...	...	0	1·4	0	1·18	0	2·87	3·40	Rajanpur		
...	...	...	...	...	...	...	...	...	...	0	2·1	0	2·33	0	2·77	7·87	Alipur	Muzaffargarh.	
...	...	...	...	...	...	...	...	...	..	0	2·4	0	1·58	0	3·99	4·95	**Muzaffargarh**		
...	...	...	...	...	...	...	...	...	...	0	2·9	0	2·57	0	5·01	7·14	Sinanwan		
...	...	...	...	...	...	...	...	...	...	0	1·3	0	0·97	0	4·24	3·73	Mailsi	Mooltan.	
...	...	...	...	...	...	...	...	...	...	0	1·7	0	1·08	0	3·44	4·12	Lodhran		
...	...	...	...	...	...	...	...	...	...	0	2·5	0	1·30	0	2·17	4·14	Shujabad		
...	...	...	...	...	...	...	...	...	...	0	2·0	0	1·08	0	3·58	5·20	**Mooltan**		
...	...	...	...	...	...	...	...	...	...	0	2·4	0	1·21	0	6·03	5·28	Kabirwala		

denote slight rain.
do. dust storm.
do. thunder.
do. hail.
do. snowfall.

Memo. of Errors.

For July 1898.

In Lahore against Sharakpur in columns 34 and 40 *read* 0·68 and 17·61 *for* 0·72 and 17·65 respectively.
In Jhang against Lyallpur in column 40 *read* 12·46 *for* 11·84.

P. D. SHROFF, *Supdt.*,

Office of Director of Lands Record and Agriculture, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 3rd September 1898 on 162·24 miles open.

	Coaching Traffic.		*Merchandise and Mineral Traffic.*				*Traffic train-miles run.*		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	16,902	§14782 9 0	40,358 0	6,426 1 0	51 0 0	21,259 10 0	7,150	2,757	9,907
Or per mile of Railway	...	91 1 10	...	39 9 9	0 5 0	131 0 7	...	...	...
For previous 8⅞ weeks of half year	*148,080	*1,18,689 2 0	†543,404 30	†65,421 5 0	‡438 0 0	1,84,548 7 0	58,273	23,639	81,912
Total for 9⅞ weeks ...	164,982	1,33,471 11 0	583,762 30	71,847 6 0	489 0 0	2,05,808 1 0	65,423	26,396	91,819
COMPARISON.									
Total for corresponding week of previous year ...	16,810	20,255 3 6	72,063 0	11,765 12 0	71 7 9	32,092 7 3	7,986	4,280	12,266
Per mile of Railway corresponding week of previous year.	...	124 13 7	...	72 8 4	0 7 0	197 12 11	...	...	...
Total for corresponding 9⅞ weeks of previous year ...	162,381	1,70,015 5 11	730,694 10	1,01,711 13 0	704 12 0	2,72,431 14 11	74,148	36,203	110,351

§ The decrease is due to the running of troop extra trains in the corresponding period of 1897.
*Added No. of passengers 527 and deducted Rs. 1,286 }
†Deducted Mds. 1,758 „ „ 204 } on account of difference between the Approximate and Audited figures for the week ended 23rd July 1898.
‡ Do. „ 18 }

EAST INDIAN RAILWAY,
AUDIT OFFICE :
The 8th September 1898.

T. BASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore—15 9 98—690.

No. 39 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, SEPTEMBER 29, 1898.

PART I.
STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 27th SEPTEMBER 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharff (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 15 seers ... Gram 19 seers. Bájra 18 seers.	Crops dried up from want of rain. Standing crops are ripening in parts where rainfall was sufficient. Prospects of canal crops good.	...
2	Delhi		1. Sufficient ... 2. Good.	Wheat 16½ seers Gram 20 seers. Bájra 20 seers.	Prospects fair ...	Ploughings continue.
3	Umballa ...	...	1. Sufficient ...	Wheat 19¼ seers Gram 21½ seers. Maize 29 seers.	Maize cutting commenced ...	...
4	Jullundur ...	...	2. Good ...	Wheat 21 seers ... Gram 22½ seers.	Crops in good condition ...	Ploughings continue.
5	Ferozepore ...	...	1. Sufficient ... 2. Good.	Wheat 19 seers ... Gram 23 seers. Barley 32 seers. Jowár 20 seers. Bájra 19 seers. Maize 20 seers.	Prospects not so good as were anticipated. Rain badly wanted.	Ploughings commenced.

Punjab Government Press, Lahore—15 9 98—690.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	1. Good ...	Wheat 17 seers ...	Crops in good condition. Water scanty in canal.	Sowings in progress.
7	Lahore ...	...	1. Sufficient ...	Wheat 18 to 21 seers. Maize 25 seers.	Irrigated crops are in fairly good condition, but bárâni (dependent on rain) crops are suffering from want of rain. Locusts appeared in parts and have done a little damage to the crops.	Land is being prepared for rabi sowings.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 20½ seers Maize 30 seers.	Crops in good condition. Rice crop harvesting in progress.	Ploughings going on.
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 18 to 19 seers. Rice 11 to 12 seers.	Crops promise well ...	Minor crops are being sown.
10	Shahpur ...	...	1. Sufficient ... 2. Good.	Wheat 17 to 21 seers. Bájra 20 to 24 seers.	Rain badly wanted ...	...
11	Ráwalpindi ...	0·55 at Sadr ... 0·21 in Pindigheb. 0·09 in Murree.	1. Sufficient ...	Wheat 18 seers ... Bájra 21 seers. Maize 24 seers.	Prospects average. Hail fell in Pindigheb, but no damage was done.	...
12	Peshâwar ...	0·61 ...	1. Sufficient ... 2. Good.	Wheat 15 7/16 seers. Maize 25½ seers.	Condition of standing crops good	Ploughings going on. Rapeseed, &c., sowings commenced.
13	D. I. Khan ...	...	1. Procurable... 2. Fair.	Wheat 17¾ seers Bájra 22¾ seers.	Condition of standing crops average in Tánk and Kuláchi, improved in Bhakkar, poor in Leiah, and a failure in Dera Ismail Khan Tahsíl.	...

GENERAL REMARKS.

Rainfall.—Slight rain has fallen in parts of the Ráwalpindi and Peshâwar Districts.

Prices.—Prices, especially of wheat, are rising in Hissar, Umballa, Siálkot, Ráwalpindi and Peshâwar; falling in Delhi, Ferozepore, Amritsar, Shahpur and Dera Ismail Khan; unchanged elsewhere. Wheat is selling from 15 to 21, gram 19 to 23, barley 32, bulrush millet 18 to 24, maize 20 to 30, great millet 20, and rice 11 to 12 seers per rupee.

Agricultural operations.—Cutting of maize in Umballa and harvesting of rice in Amritsar are going on. Ploughings and sowings of spring crops have commenced.

Crops and outturn.—Condition and prospects of standing crops are generally reported good. Prospects of crops are not so good as were expected in Ferozepore. Crops have been totally dried up in parts of Hissar and Dera Ismail Khan. They are average to poor in parts of the Ráwalpindi and Dera Ismail Khan districts. Rain is badly wanted in some districts.

Damage done to crops.—Hail fell in parts of Ráwalpindi, but did no damage. Locusts appeared in parts of Lahore and slightly damaged the standing crops.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient throughout the Province.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 10TH SEPTEMBER 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,85[illegible]	7	4	11	7	4	3	.	...	...	4	1	...	2	1	2	3	34	22	1
2		Hansi ...	15,19[illegible]	6	15	21	8	4	4	...	...	...	4	...	..	4	...	2	2	72	27	2
3		Bhiwani ...	35,48[illegible]	21	15	36	28	12	16	...	...	...	14	4	..	10	2	5	[illegible]	5[illegible]	41	3
4		Sirsa ...	16,41[illegible]	4	5	9	5	4	1	..	...	...	3	1	..	1	3	1	[illegible]	29	16	4
5	Rohtak ...	Rohtak ...	16,19[illegible]	10	13	23	10	4	6	...		..	2	1		7	3	2	5	74	32	5
6		Jhajjar ...	11,881	8	9	17	5	3	2	.		...	3	...	..	[illegible]	2	...	2	75	27	6
7	Gurgaon ...	Rewari ...	27,934	12	8	20	14	9	5	..	...	..	1	6	..	7	5	3	8	37	26	7
8		Palwal ...	11,227	4	7	11	9	6	3	..	...	...	6	...	..	[illegible]	2	3	5	5[illegible]	42	8
9	Delhi ...	Delhi ...	189,64[illegible]	93	87	180	136	58	78	..		...	81	8	1	46	16	26	42	4[illegible]	37	9
10		Sonepat ...	12,611	11	10	21	6	2	4	..	..	...	5	1	...		2	1	3	87	25	10
11	Karnal ...	Karnal ...	21,530	21	7	28	20	14	6	...	...	...	9	2	1	8	3	3	6	68	48	11
12		Kaithal ...	15,768	9	13	22	19	9	10	..	...	...	6	1	...	1[illegible]	4	6	10	7[illegible]	63	12
13		Panipat ...	27,547	14	19	33	17	1	6	..	...	..	5	2	.	10	5	2	7	6[illegible]	32	13
14		Shahabad ...	11,473	4	2	6	8	6	2	..	...	...	3	...	.	5	2	...	2	27	36	14
15	Umballa ...	Umballa ...	26,856	14	13	27	26	13	13	...	...	..	8	7	..	11	9	8	17	52	50	15
16		Jagadhri ...	13,029	4	4	8	10	5	5	...	..	...	4	1	..	5	...	1	1	32	40	16
17		Sadhaura ...	10,445	5	4	9	4	2	2	...	...	...	2	...	...	2	1	...	1	45	20	17
18	Hoshiarpur	Hoshiarpur ...	17,546	8	10	18	14	5	9	...	...	...	6	1	...	7	2	5	7	53	42	18
19		Tanda and Urmar	11,632	6	4	10	14	5	9	...	...	...	9	3	...	2	1	4	5	45	63	19
20	Jullundur ...	Jullundur ...	50,375	33	21	54	32	12	20	...	...	...	19	2	..	11	6	5	11	56	33	20
21		Rahon ...	10,667	2	3	5	9	2	7	...	...	...	2	...	...	7	1	2	3	24	44	21
22		Kartarpur ...	10,441	2	6	8	5	3	2	...	...	...	1	2	...	2	1	...	1	40	25	22
23	Ludhiana ...	Ludhiana ...	46,024	20	18	38	19	8	11	...	...	...	9	1	...	9	5	3	8	43	22	23
24		Jagraon ...	18,116	10	5	15	8	5	3	...	..	...	3	1	...	4	2	1	3	43	23	24
25	Ferozepore ...	Ferozepore ...	25,337	10	2	12	11	7	4	...	...	...	8	...	...	3	4	1	5	25	23	25
26	Mooltan ...	Mooltan ...	64,265	32	28	60	24	12	12	...		...	10	1	...	13	5	6	11	49	19	26
27	Jhang ...	Maghiana ...	13,866	10	6	16	13	8	5	...	...	...	1	2	...	10	4	2	6	60	49	27
28		Chiniot ...	13,476	12	4	16	17	9	8	...	...	...	6	1	...	10	6	3	9	62	66	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	77	46	123	105	48	57	...	...	...	63	9	...	33	20	17	37	40	34	29
30		Kasur ...	20,290	4	16	20	11	7	4	...	...	...	5	...	...	6	3	2	5	51	28	30
31		Chunian ...	10,339	3	8	11	10	3	7	...	...	...	5	...	...	5	...	3	3	55	50	31
32	Amritsar ...	Amritsar ...	135,401	58	78	136	92	45	47		...	...	60	6	...	26	11	7	18	52	35	32
33	Gurdaspur ...	Batala ...	27,223	13	10	23	18	13	5		...	...	11	1	...	6	3	1	4	44	34	33
34	Sialkot ...	Sialkot ...	33,965	22	29	51	34	24	10	...	...	...	14	3	1	16	10	3	13	78	52	34
35	Gujrat ...	Gujrat ...	17,671	13	10	23	15	9	6	...	...	...	9	...	...	6	4	1	5	68	44	35
36		Jalalpur ...	11,065	8	7	15	12	2	10	...	...	...	6	1	...	5	...	2	2	71	57	36
37	Gujranwala...	Gujranwala ...	25,892	6	8	14	10	4	6	...	...	...	7	1	...	2	1	1	2	28	20	37
38		Wazirabad ...	15,786	7	11	18	12	6	6	...	...	...	5	2	...	5	2	1	3	59	40	38
39	Shahpur ...	Bhera ...	17,428	14	12	26	10	4	6	...	...	...	4	2	...	4	2	3	5	78	30	39
40	Jhelum ...	Pind Dadan Khan	15,055	2	3	5	14	5	9	...	...	...	5	3	...	6	...	...	...	17	48	40
41	Rawalpindi ...	Rawalpindi ...	38,334	16	11	27	29	12	17	...	...	...	19	3	...	7	3	4	7	37	39	41
42	Peshawar ...	Peshawar ...	63,079	18	18	36	31	20	11	...	...	...	24	1	1	5	3	3	6	30	26	42
43	Kohat ...	Kohat ...	14,347	4	2	6	4	2	2	...	...	...	3	1	...	...	1	...	1	22	15	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	5	6	11	14	7	7	...	...	...	10	3	...	1	1	...	1	27	34	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	5	9	14	13	6	7	...	...	...	5	2	...	6	...	3	3	31	28	45
	Grand Total	...	1,412,775	667	626	1,293	932	459	473	...	...	...	489	87	4	352	161	148	309	48	34	
	Hill Sanitaria.																					
	Simla ...	... ...	13,279	3	6	9	7	4	3	...	...	...	4	1	...	2	1	2	3	35	27	
	Dharmsala ...	... ...	2,778	5	...	5	2	...	2	...	...	...	1	...	...	1	...	...	...	94	38	
	Dalhousie ...	... ...	807	...	...	...	2	2	...	...	...	...	...	1	...	1	...	...	...	...	129	
	Murree ...	... ...	1,459	1	...	1	2	1	1	...	...	...	...	...	...	2	...	...	...	3	71	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 27th September 1898.

C. J. BAMBER, SURGEON-MAJOR,
Offg. Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 10TH SEPTEMBER 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 1,293 **births were** registered (667 males and 626 females), giving a **birth-rate** of 48 per *mille* of population; 932 **deaths** were registered (459 males and 473 females), giving a death-rate of 34 per *mille* of population.

C. J. BAMBER, SURGEON-MAJOR,
Offg. Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 27th September 1898.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	2			3			4			5		
	QUANTITIES PER RUPEE BY THE											
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 15th September 1898.	Past fortnight ending 31st August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th September 1898.	Past fortnight ending 31st August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th September 1898.	Past fortnight ending 31st August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th September 1898.	Past fortnight ending 31st August 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs	Srs.	Srs	Srs.	Srs.	Srs.
Hissar ...	17	16	10	24	24	12	...	...	...	10	10	6
Rohtak ...	16	15	10	24	23	11	...	...	...	12	10	8
Gurgaon ...	16	15	10	26	24	14	...	...	...	8	8	7
Delhi ...	16	16	10	24	24	13	...	...	...	10	10	8
Karnál ...	18	17	10	30	26	12	...	...	...	10	8	7
Umballa ...	20	18	11	30	20	11	...	...	...	10	10	7
Simla ...	13	14	8	18	18	11	...	...	...	9	9	6
Kángra ...	18	20	11	24	24	16	...	...	...	12	12	8
Hoshiárpur ...	20	20	12	26	26	14	...	...	...	11	11	7
Jullundur ...	21	21	12	28	28	14	...	...	...	8	8	7
Ludhiána ...	20	19	11	32	31	13	...	...	...	9	9	6
Ferozepore ...	18	17	10	29	29	12	...	...	...	9	7	6
Mooltan ...	16	15	9	23	22	11	...	...	...	14	14	9
Jhang ...	19	19	11	25	25	13	...	...	...	12	9	8
Montgomery ...	18	17	10	24	§	‡	...	...	...	10	10	6
Lahore ...	18	18	11	31	30	14	...	...	...	10	10	7
Amritsar ..	18	18	10	30	29	13	...	...	...	11	10	7
Gurdáspur ...	21	21	11	32	32	13	...	...	...	11	11	7
Siálkot ...	18	18	10	34	31	13	...	...	...	12	11	6
Gujrát ...	19	17	11	32	28	13	...	...	...	9	9	7
Gujránwála ...	20	19	11	32	38	14	...	...	...	11	10	7
Shahpur ...	20	20	12	28	28	14	...	...	...	7	7	5
Jhelum ...	20	19	11	29	26	13	...	...	...	10	10	8
Ráwalpindi ...	17	17	10	29	28	14	...	...	...	8	8	6
Hazára ...	18	16	10	27	26	15	...	...	...	9	8	6
Pesháwar ...	15	15	9	25	28	13	...	...	...	10	8	7
Kohát ...	15	15	9	24	21	11	...	...	...	12	12	8
Bannu ...	19	20	11	29	31	15	...	...	...	12	12	7
D. I. Khan ...	18	18	9	12	23	11	...	...	...	7	6	5
D. G. Khan ...	15	16	11	20	21	13	...	...	...	13	12	6
Muzaffargarh	17	17	10	23	21	13	...	...	...	15	15	8

† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH SEPTEMBER 1898.

ORDINARY SEER OF 80 TOLAS.

6			7			1
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*			
Present fortnight ending 15th September 1898.	Past fortnight ending 31st August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th September 1898.	Past fortnight ending 31st August 1898	Corresponding fortnight of 1897.	DISTRICTS
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
20	19	11	18	18	10	Hissar.
21	20	10	19	19	11	Rohtak.
22	22	12	22	22	11	Gurgaon.
23	21	10	20	20	11	Delhi.
24	20	10	20	20	7	Karnál.
25	25	11	21	20	1	Umballa.
20	20	7	16	16	8	Simla.
†	†	†	†	†	†	Kángra.
24	22	14	16	16	10	Hoshiárpur.
20	20	12	19	19	8	Jullundur.
26	25	12	21	20	8	Ludhiána.
25	25	12	20	16	8	Ferozepore.
23	22	13	18	18	7	Mooltan.
29	23	8	19	16	6	Jhang.
§	§	§	§	§	†	Montgomery.
26	24	12	21	21	7	Lahore.
23	22	11	17	17	8	Amritsar.
24	24	10	11	11	10	Gurdáspur.
31	31	10	§	18	§	Siálkot.
17	17	8	17	17	8	Gujrát.
25	25	12	17	17	8	Gujránwála.
20	20	8	20	20	9	Shahpur.
22	22	12	21	21	10	Jhelum.
24	24	11	20	20	8	Ráwalpindi.
§	§	§	16	16	§	Hazára.
	30	15	18	19	9	Pesháwar.
§	§	§	22	21	10	Kohát.
41	41	8	26	28	10	Bannu.
26	29	12	23	23	8	D. I. Khan.
21	21	11	23	23	10	D. G. Khan.
20	18	9	16	16	§	Muzaffargarh.

duced.

urable.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 18 seers as compared with 18 seers in last fortnight and 10 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Umballa ...	11	18	20
Ludhiána ...	11	19	20
Gurdáspur ...	11	21	21
Gujránwála ...	11	19	20
Hazára ...	10	16	18
D. I. Khan ...	9	18	18

Barley.—Prices average 27 seers as compared with 26 seers in last fortnight and 13 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Umbálla ...	11	26	30
Ludhiána ...	13	31	32
Gurdáspur ...	13	32	32
Siálkot ...	13	31	34
Bannu ...	15	31	29
Muzaffargarh ...	13	21	23

Rice.—Prices average 10 seers as compared with 10 seers in last fortnight and 7 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Hissar ...	6	10	10
Kángra ...	7	11	11
Mooltan ...	9	14	14
Siálkot ...	6	11	12
Bannu ...	7	12	12
Muzaffargarh ...	8	15	15

Jowár.—Prices average 25 seers as compared with 24 seers in last fortnight and 11 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Umballa ...	11	25	25
Ferozepore ...	12	25	26
Jhang ...	8	23	29
Siálkot ...	10	31	31
Bannu ...	8	41	41
D. I. Khan ...	12	29	26

Bájra.—Prices average 19 seers as compared with 19 seers in last fortnight and 9 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Karnál ...	7	20	20
Ludhiána ...	8	20	21
Lahore ...	7	21	21
Ráwalpindi ...	8	20	20
Bannu ...	10	28	26
D. I. Khan ...	8	23	23

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

QUANTITIES PER RUPEE

1	8			9			10			11		
	Mandwa, Marua or Ragi (Eleusine Coracana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 15th September 1898.	Past fortnight ending 31st August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th September 1898.	Past fortnight ending 31st August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th September 1898.	Past fortnight ending 31st August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th September 1898.	Past fortnight ending 31st August 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	21	20	10	†	†	10
Rohtak ...	†	†	†	10	10	10	19	19	9	22	19	9
Gurgaon ...	†	†	†	†	†	†	19	18	9	17	16	11
Delhi ...	†	†	†	12	12	12	19	19	9	21	23	11
Karnál ...	24	24	10	8	8	7	20	19	9	30	20	12
Umballa ...	§	§	§	16	6	8	22	20	0	20	29	11
Simla ...	18	18	10	10	10	7	16	16	8	23	22	9
Kángra ...	§	§	§	‡	‡	‡	16	16	9	26	24	13
Hoshiárpur ...	20	20	§	12	12	10	23	23	10	28	28	13
Jullundur ...	§	§	§	19	18	12	22	22	10	22	22	12
Ludhiána ...	†	†	†	15	15	12	23	23	9	28	27	13
Ferozepore ...	†	†	†	16	16	16	22	22	9	22	18	13
Mooltan ...	†	†	†	16	16	10	18	18	8	21	16	9
Jhang ...	24	24	12	26	24	16	19	18	8	32	24	8
Montgomery ...	§	§	§	§	§	†	20	21	9	§	§	‡
Lahore ...	§	§	§	21	22	13	22	22	9	23	23	11
Amritsar ...	§	§	†	19	19	13	22	22	9	28	27	11
Gurdáspur ...	§	§	§	12	12	11	22	22	9	24	24	11
Siálkot ...	§	§	§	§	§	§	21	19	9	§	§	§
Gujrát ...	†	†	†	§	§	†	20	18	9	17	17	8
Gujránwála ...	†	†	†	20	16	12	22	22	9	20	17	10
Shahpur ...	24	24	14	16	16	14	24	23	9	16	16	8
Jhelum ...	‡	‡	‡	‡	‡	‡	21	21	9	24	24	11
Ráwalpindi ...	‡	‡	‡	14	13	10	19	19	9	25	23	10
Hazára ...	†	†	†	§	§	§	16	14	8	22	22	11
Pesháwar ...	†	†	†	18	17	10	15	15	8	25	25	10
Kohát ...	†	†	†	†	§	§	16	16	8	22	21	10
Bannu ...	13	13	8	7	7	8	22	22	10	41	39	11
D. I. Khan ...	§	§	§	‡	‡	4	20	20	9	26	‡	9
D. G. Khan ...	§	§	§	§	§	§	17	17	9	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	18	17	8	§	§	§

† Not pro
‡ Not sold,
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH SEPTEMBER 1898—continued

12			13			1
THE ORDINARY SEER OF 80 TOLAS.						
Arhur or Thur, Cadjan Pea (Cajanus Indicus).			*Firewood.*			
Present fortnight ending 15th September 1898.	Past fortnight ending 31st August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th September 1898.	Past fortnight ending 31st August 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
†	†	†	100	100	100	Hissar.
12	13	10	100	120	120	Rohtak.
18	18	11	140	140	160	Gurgaon.
22	21	11	90	90	100	Delhi.
16	16	8	160	160	160	Karnál.
§	§	§	160	160	160	Umballa.
9	9	6	80	80	60	Simla.
12	12	7	100	100	100	Kángra.
8	8	8	130	130	130	Hoshiárpur.
§	§	§	100	100	110	Jullundur.
10	10	7	100	100	110	Ludhiána.
11	10	7	100	100	90	Ferozepore.
†	†	†	90	80	110	Mooltan.
6	6	7	160	160	160	Jhang.
§	§	‡	260	250	310	Montgomery.
11	11	7	75	78	90	Lahore.
‡	‡	§	90	90	110	Amritsar.
§	§	§	100	100	120	Gurdáspur.
§	§	§	130	130	130	Siálkot.
†	†	†	140	140	110	Gujrát.
‡	‡	6	95	95	95	Gujránwála.
†	†	†	160	160	160	Shahpur.
‡	‡	‡	120	120	120	Jhelum.
‡	‡	‡	65	65	70	Ráwalpindi.
†	†	†	81	81	81	Hazára.
14	14	10	60	55	55	Pesháwar.
†	†	†	82	81	115	Kohát.
5	5	7	70	70	70	Bannu.
‡	‡	5	125	125	125	D. I. Khan.
§	§	§	100	100	100	D. G. Khan.
‡	8	‡	140	140	140	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Gram.—Prices average 20 seers as compared with 20 seers in last fortnight and 9 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Umballa ...	9	20	22
Ludhiána ...	9	23	23
Lahore ...	9	22	22
Shahpur ...	9	23	24
Bannu ...	10	22	22
D. I. Khan ...	9	20	20

Maize.—Prices average 24 seers as compared with 23 seers in last fortnight and 11 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Umballa ...	12	20	30
Ludhiána ...	13	27	28
Jhang ...	8	24	32
Ráwalpindi ...	10	23	25
Bannu ...	11	39	41

duced.

curable.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	14					
	Quantities per Rupee by					
	Salt					
Districts.	Present fortnight ending 15th September 1898.		Past fortnight ending 31st August 1898		Corresponding fortnight of 1807	
	Wholesale	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 0	11 0	11 0	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 4	12 0	12 0	11 0
Karnál	11 0	11 0	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 12
Simla	10 4	9 8	10 0	9 0	8 8	8 4
Kángra	*	10 0	*	10 0	*	10 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 4	13 0
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	12 0	13 0	12 0	13 4	13 0
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	12 12	12 4	12 8	12 0	12 4	12 4
Jhang	11 8	11 0	11 12	11 8	12 4	12 0
Montgomery	12 12	12 8	12 12	12 8	12 12	12 0
Lahore	13 10	12 14	13 10	12 14	13 5	12 13
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 12
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	14 0	13 8	13 12	13 8	13 12	13 8
Shahpur	13 8	13 0	13 8	13 0	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	14 0	13 14	13 8	13 10	13 8
Hazára	*	11 8	*	11 8	*	11 0
Peshâwar	16 0	15 0	16 0	15 0	15 0	14 0
Kohát	19 4	16 4	19 4	16 8	17 14	15 [illegible]
Bannu	19 0	17 12	18 12	17 8	21 0	20 0
D. I. Khan	14 0	13 12	14 4	14 0	16 14	16 0
D. G. Khan	10 10	10 4	‡	10 10	12 8	14 4
Muzaffargarh	12 10	12 0	12 0	12 0	12 0	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro

For the fortnight ending 15th August 1898.

Against Lahore under the head Barley (present insert 27 seers.

Supplementary Prices Current Return of Dera Ismail Khan for the fortnight ending 15th August 1898 published in the Gazette of 15th September 1898.

In the heading after the word "ending" *read* 15th August *for* 1st September, and after the word "dated" 1st Septem-er 1898 *for* 1st August 1898

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH SEPTEMBER 1898—concluded.

15			16			1	
THE ORDINARY SEER OF 80 TOLAS.							
Gur.			*Cotton (unginned).*				
Present fortnight ending 15th September 1898.	Past fortnight ending 31st August 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th September 1898.	Past fortnight ending 31st August 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.		
8 0	9 0	9 0	7 0	7 0	7 0	Hissar.	
9 8	10 0	9 8	9 0	10 0	9 0	Rohtak.	
9 0	9 0	8 8	9 0	9 0	9 0	Gurgaon.	
7 12	8 0	8 0	9 0	9 0	9 0	Delhi.	
9 0	11 0	10 0	10 0	10 0	10 0	Karnál.	
8 8	9 0	9 0	11 0	11 8	8 0	Umballa.	
5 0	6 0	5 0	†	†	†	Simla.	
6 0	6 0	6 0	6 0	6 0	6 0	Kángra.	
7 8	7 8	8 0	10 0	10 0	10 0	Hoshiárpur.	
7 0	7 0	6 0	11 0	11 0	9 8	Jullundur.	
6 8	6 6	6 12	8 8	8 0	7 4	Ludhiána.	
7 12	6 12	9 8	7 12	7 12	7 12	Ferozepore.	
7 12	7 0	7 0	9 0	8 0	7 0	Mooltan.	
8 0	8 8	7 8	12 0	12 0	8 0	Jhang.	
7 8	8 0	7 0	10 0	10 0	‡	Montgomery.	
7 8	7 8	7 14	9 2	9 8	9 12	Lahore.	
7 8	7 10	8 0	9 12	9 12	8 4	Amritsar.	
8 8	8 8	8 8	9 0	9 0	7 0	Gurdáspur.	
8 0	8 0	8 8	8 0	8 0	7 4	Siálkot.	
8 0	8 0	8 0	9 0	9 0	7 0	Gujrát.	
8 4	8 0	8 4	10 0	9 8	8 0	Gujránwála.	
7 8	7 8	8 0	10 0	10 0	10 0	Shahpur.	
8 8	9 8	8 8	‡	‡	‡	Jhelum.	
7 12	8 0	7 12	8 12	8 12	8 12	Ráwalpindi.	
6 12	6 12	6 4	§	§	§	Hazára.	
6 [illegible]	6 5	5 11	9 10	9 3	10 0	Peshâwar.	
7 [illegible]	7 2	5 14	11 8	11 8	11 8	Kohát.	
9 11	10 10	10 5	8 12	8 12	10 0	Bannu.	
8 4	8 6	8 2	‡	‡	10 0	D. I. Khan.	
6 4	6 4	6 4	§	10 10	§	D. G. Khan.	
7 0	7 8	8 8	11 0	11 0	8 0	Muzaffargarh.	

sale salt sold.
duced.

curable.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD-GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS

1	2	3	4	5	6	7	8	9	10	11	12
	WHOLESALE PRICE PER MAUND OF 82 2/7 lbs.										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi	2 8 0	3 10 2	2 5 8	1 10 2	1 11 3	1 15 3	1 13 9	2 0 10	2 15 5	4 0 0	3 5 4
Ferozepore ...	2 0 0	4 7 1	2 3 6	1 6 1	1 8 8	2 0 0	1 13 1	1 13 1	3 10 2	4 0 0	5 1 2
Mooltan	1 7 8	2 12 1	2 9 3	1 11 3	1 10 8	2 1 6	1 13 0	2 2 7	...	4 7 0	3 10 2
Lahore	1 6 3	3 12 11	2 1 9	1 3 4	1 8 0	1 13 0	1 10 10	1 11 7	3 6 3	3 4 9	3 4 9
Amritsar	1 10 1	3 6 6	2 1 3	1 4 8	...	...	...	1 11 6	...	...	3 3 9
Ráwalpindi ...	1 13 1	5 5 1	2 5 1	1 6 1	1 10 8	2 0 0	1 9 1	2 1 3	3 13 0	3 1 3	3 12 0

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH SEPTEMBER 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
OR 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.
20 0 0	5 0 0	5 0 0	11 0 6	35 8 11	2 12 2	8 0 0	11 6 10	...	0 5 9	0 8 0	0 5 9	125 0 0	60
5 0 0	5 0 0	5 0 0	13 1 1	37 0 0	2 10 0	5 0 0	10 0 0	45 0 0	0 4 0	0 5 6	0 3 0	75 0 0	50
6 10 8	5 0 0	4 13 6	12 5 0	35 8 9	3 3 3	10 0 0	13 5 4	...	0 4 11	0 7 0	...	70 0 0	50
4 10 2	4 11 3	5 2 7	12 8 9	35 11 8	2 8 6	7 11 5	12 4 11	32 8 0	0 10 8	0 7 1	...	112 8 0	100
...	4 9 2	...	...	...	2 4 1	...	...	...	...	0 6 5	...	...	70
5 0 0	4 0 0	5 0 0	13 15 0	30 7 7	2 10 8	4 0 0	13 5 4	29 0 0	0 4 0	0 9 10	0 10 8	60 0 0	60

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

PUBLIC WORKS DEPARTMENT,

Irrigation Operations of Fast Kharif

	Canals.	Water distributed during August 1898. — Depth in Canal at regulating gauge. — Full supply.	Depth in Canal at regulating gauge. — Actual throughout.	Gross consumption, cubic feet per second. — Designed full supply.	Gross consumption, cubic feet per second. — Actual average throughout.
	1	2	3	4	5
	MAJOR IRRIGATION WORKS.				
	Swat River Canal	6·00	5·90	700	739
	Total ...	...	...	700	739
Western Jumna Canal.	At Dádupur	7·00	5·90	6,178	4,800
	Main Line, Major Distributaries	...	...	500	345
	Sirsa Branch	...	4·80	1,800	1,227
	Delhi Branch	...	6·00	1,850	1,271
	Hánsi Branch	...	5·50	2,150	1,228
	Loss in Main Line	...	...	...	661
	Total utilized ...	...	...	...	4,732
	Escapage (including Canal Tail)	...	...	...	68
	Total ...	...	...	6,178	4,800
Bari Doab Canal.	Main Canal (Head Gauge, Rapid No. 2)	3·63	3·77	3,555	3,822
	Salampur Feeder	4·00	3·39	1,445	1,162
	Total entering Canal ...	...	...	5,000	4,984
	Kasúr Branch Lower at Tarsika	5·40	4·78	53[illegible]	501
	Sobraon Branch at Gagarbhana	4·95	3·29	437	393
	Main Line and Main Branch Upper Distributaries ...	...	...	...	527
	Main Branch Lower	4·58	3·59	2,245	2,059
	Lahore Branch	2·69	2·52	920	902
	Absorption in Main Line and Kasúr Branch Upper ...	...	...	...	579
	Total utilized ...	...	...	...	4,961
	Escapage	...	...	...	23
	Total ...	...	...	6,178	4,984
Sirhind Canal.	Main Line	9·43	8·74	6,000	5,421
	Abohar Branch	5·96	6·28	2,052	2,042
	Bhatinda Branch	5·97	5·27	1,788	1,3[illegible]
	Feeders	9·30	8·74	2,160	1,9[illegible]
	Loss in Main Line	...	...	...	115
	Total utilized ...	...	...	...	5,379
	British Escapes	...	...	...	42
	Total ...	...	...	6,000	5,421
	Carried over ...	...	...	...	...

PUNJAB, IRRIGATION BRANCH.

of 1898 *up to* 31*st August* 1898.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* August 1898.	Area irrigated *to end of* August 1898.	Area irrigated *to end of* August 1897.	
...	7	8	9	10	11	12	13	14	15
Peshâwar ...	44,124	12	3·68	1·39	Sugarcane ...	...	1,829	1,904	Canal ran throughout the month. Demand great owing to small rainfall.
					Rice ...	...	328	311	
					Cotton ...	3	3,726	2,877	
					Indigo ...	...	...	...	
					Maize ...	28,652	33,222	26,467	
					Jowár and chari.	717	1,155	1,396	
					Miscellaneous	356	3,864	9,453	
...	44,124	...	...	...	...	29,728	44,124	42,408	
Umballa ...	1,861		8·54	7·60	Sugarcane ...	89	81,792	73,759	Canal ran the full month, with low demand the first half and high demand the second half.
Karnál ...	53,146		2·92	2·00	Rice ...	7,402	27,478	37,743	
Rohtak ...	52,985		4·68	1·30	Cotton ...	2,789	65,156	134,661	
Delhi ...	30,448	20	6·39	1·95	Indigo ...	75	7,802	34,009	
Hissar ...	54,796		2·16	0·89	Maize ...	476	724	1,045	
Jínd ...	14,374		3·95	1·47	Jowár and chari.	2,069	4,205	33,110	
Bikanir ...	144	...	...	...					
Kalsia ...	988	...	...	...	Miscellaneous	4,189	34,569	80,109	
Patiála ...	12,984	6	2·88	1·1[illegible]					
...	221,726	...	...	...	...	17,089	221,726	394,436	
Gurdáspur ...	26,207		10·30	4·47	Sugarcane ...	197	26,685	28,235	Canal ran throughout the month excepting for a few hours on three occasions, when it was closed on account of floods in river.
Amritsar ...	111,317	19	6·37	1·23	Rice ...	12,989	71,122	63,315	
Lahore ...	174,274		4·72	0·38	Cotton ...	1,100	59,326	80,177	
					Indigo ...	...	1	1[illegible]	
					Maize ...	40,497	48,263	53,038	
					Jowár and chari.	8,734	37,509	55,161	
					Miscellaneous	− *28,463*	68,892	75,912	
...	311,798	...	...	...	...	35,054	311,798	355,852	
Ludhiána ...	18,130	15	4·49	1·62	Sugarcane ...	172	9,574	7,185	Canal ran for 25 days. Demand keen and supply good.
Ferozepore ...	98,77[illegible]		3·94	0·10	Rice ...	1,107	1,6[illegible]4	1,377	
Hissar ...	54[illegible]	...	...	...	Cotton ...	3,446	16,220	18,308	
Farídkot State	16,59[illegible]	...	...	...	Indigo ...	7	1,000		
Patiála „ ...	51,931				Maize ...	67,480	71,106	55,944	
N[illegible]a „ ...	12,39[illegible]				Jowár and chari.	25,205	52,80[illegible]	113,710	
Jínd „ ...	5,3[illegible]	15	4·85	0·77					
Kalsia „ ...	954	...	...	...	Miscellaneous	− *579*	52,371	130,410	
...	204,706	...	...	...	...	96,838	* 204,706	327,854	
...	782,354	...	...	...	...	178,709	782,354	1,120,550	

* Includes the following areas irrigated by Native States Branches, *viz.*—

	During August 1898.	*To end of August 1898.*	*To end of August 1897.*
Patiála State	14,660 acres.	38,338 acres.	63,761 acres.
Nábha „	1,996 „	4,373 „	7,050 „
Jínd „	2,316 „	4,994 „	8,134 „
Total ...	18,972 „	47,705 „	79,845 „

Irrigation Operations of Fasl Kharif

Canals.	Water distributed during August 1898. — Depth in Canal at regulating gauge. — Full supply.	Actual throughout.	Gross consumption, cubic feet per second. — Designed full supply.	Actual average throughout.
1	2	3	4	5
Brought forward ...	...	...	...	...
MAJOR IRRIGATION WORKS—CONCLUDED.				
CHENAB CANAL. Main Line	9·60	9·83	8,313	6,171
Kot Nikka Branch	5·00	...	324	319
Miân Ali Branch	6·15	...	805	835
Rakh Branch	5·90	...	1,122	1,194
Jhang Branch { Upper	9·00	7·93	1,522	1,122
Jhang Branch { Lower	7·00	5·05	726	656
Bhawâna Branch	6·00	5·60	434	384
Gugera Branch (for construction only)	...	...	2,986	867
Distributaries of Main Line	...	...	394	383
Loss in Main Line	...	...	...	405
Total Main Line ...	...	...	...	6,165
Escapage	...	...	...	6
Total ...	...	...	8,313	6,171
LOWER SOHAG AND PARA CANAL	7·00	7·00	1,420	1,437
Total ...	...	...	1,420	1,437
SIDHNAI CANAL	7·00	5·90	1,600	990
Subsidiary Canals	...	...	520	329
Total ...	...	...	2,120	1,319
ABSTRACT—MAJOR IRRIGATION WORKS—				
Swat River Canal	...	...	700	7[illegible]
Western Jumna Canal	...	...	6,178	4,8[illegible]
Bári Doáb Canal	...	...	5,000	4,984
Sirhind Canal	...	...	6,000	5,421
Chenab Canal	...	...	8,313	6,171
Lower Sohág and Pára Canal	...	...	1,420	1,437
Sidhnai Canal	...	...	2,120	1,319
Total ...	...	...	...	...

of 1898 *up to* 31*st August* 1898—continued.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zila	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* August 1898.	Area irrigated *to end of* August 1898.	Area irrigated *to end of* August 1897.	
6	7	8	9	10	11	12	13	14	15
...	782,354	...	...	...	...	178,709	782,354	1,120,550	
Gujránwála ...	95,151	10	4·09	...	Sugarcane ...	6	27,910	23,405	Canal ran throughout the month. Area of temporary irrigation in 3rd Division not reported.
Jhang ...	211,218	11	2·28	...	Rice ...	8,440	20,949	22,843	
					Cotton ...	296	106,211	109,629	
					Indigo ...	...	...	...	
					Maize ...	22,095	31,418	17,011	
					Jowár and chari.	33,942	57,936	69,720	
					Miscellaneous	18,074	61,945	55,937	
...	306,369	...	...	...	...	82,853	(*a*) 306,369	298,545	
Montgomery	31,541	5	2·31	...	Sugarcane ...	21	254	285	Decrease due to low state of river in May and June.
					Rice ...	90	1,960	1,175	
					Cotton ...	183	3,975	13,218	
					Indigo ...	...	...	17	
					Maize ..	917	3,[illegible]67	1,969	
					Jowár and chari.	1,538	7,825	9,624	
					Miscellaneous	2,968	14,260	12,350	
...	31,541	...	...	...	...	5,717	31,541	38,638	
Mooltan ...	58,199	36	1·39	...	Sugarcane ...	81	202	555	
					Rice ...	303	352	7,570	
					Cotton ...	384	1,440	39,534	
					Indigo ...	62	88	2,526	
					Maize ...	88[illegible]	926	477	
					Jowár and chari.	9,685	10.092	10,791	
					Miscellaneous	17,815	45,099	34,675	
...	58,199	...	...	...	...	29,213	58,199	96,128	
...	44,124	...	...	...	...	29,728	44,124	42,408	
...	221,726	...	...	...	...	17,089	221,726	394,436	
...	311,798	...	...	...	...	35,054	311,798	355,852	
...	204,706	...	...	...	...	96,838	204,706	327,854	
...	306,369	...	...	...	...	82,853	306,369	298,545	
...	31,541	...	...	...	...	5,717	31,541	38,638	
...	58,199	...	...	...	...	29,213	58,199	96,128	
...	1,178,463	...	...	...	...	296,492	1,178,463	1,553,861	

(*a*) Excludes 4,791 acres on account of temporary irrigation in the 4th Division, Chenab Canal, on Gugera Branch Upper. Also of this area (306,369), 113,656 acres are free of charge.

Irrigation Operations of Fasl Kharif

Canals.	Water distributed during August 1898. — *Depth in Canal at regulating gauge.* — Full supply.	Actual throughout.	*Gross consumption, cubic feet per second.* — Designed full supply.	Actual average throughout.
1	2	3	4	5
Total Major Irrigation Works brought forward ...	...	...	...	...
MINOR IRRIGATION WORKS.				
Upper Sutlej Canals. — Katora Canal ...	7·00	6·80	685	702
Khánwah " ...	7·0?	7·20	1,290	1,347
Upper Soh*á*g " ...	7·00	7·40	1,540	1,762
Total ...	...	...	3,?15	3,811
Shahpur Canals (Imperial). — Eastern Station Canal ...	6·00	1·5?	350	43
Western " " ...	6·00	4·60	200	132
Sáhiwál Canal ...	8·00	1·90	550	68
Total ...	...	...	1,100	243
Lower Sutlej and Chenab Canals ...	...	...	...	...
Indus Canals ...	...	...	...	...
Muzaffargarh Canals ...	...	...	...	...
Ghaggar Canals — Northern Canal Head ...	7·00	3·60	566	190
Southern Canal Head ...	6·50	4·30	434	221
Minor Channels ...	...	...	100	43
Total discharge ...	...	...	1,100	454
Bikanir Border.				
Northern Canal ...	6·00	2·20	283	52
Southern Canal ...	5·00	2·20	217	52
Total Bikanir ...	...	...	500	104
Utilized British Territory ...	...	...	600	350
Total ...	...	...	1,100	454
Abstract—Minor Irrigation Works—				
Upper Sutlej Canals ...	...	...	3,515	3,811
Shahpur Canals (Imperial) ...	...	...	1,100	243
Lower Sutlej and Chenab Canals ...	...	...	...	...
Indus Canals ...	...	...	...	...
Muzaffargarh Canals ...	...	...	...	...
Ghaggar Canals ...	...	...	1,100	454
Total ...	...	...	...	...
Shahpur Canals (Provincial). — Raniwah West Canal ...	7·00	2·40	520	98
" East " ...	7·00	2·60	300	62
Corbynwah Canal ...	5·00	1·60	113	25
Total ...	...	...	933	185
Total Major Irrigation Works ...	...	...	...	...
Total Minor Irrigation Works ...	...	...	...	...
Total Major & Minor Irrigation Works (Imperial)	...	...	...	...
Shahpur Canals (Provincial) ...	...	...	...	...
GRAND TOTAL ...	...	...	...	...

LAHORE:
The 21st September 1898.

of 1898 *up to* 31*st August* 1898—concluded.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck	Average	During month.	Name.	Area irrigated during August 1898.	Area irrigated to end of August 1898.	Area irrigated to end of August 1897.	
5	7	8	9	10	11	12	13	14	15
...	1,178,463	...	...	...	...	296,492	1,178,463	1,553,861	
					Sugarcane ...	42	271	358	Decrease due to low state of river in May and June.
Lahore ...	25,976	5	3·72	...	Rice ...	770	9,961	12,543	
					Cotton ...	647	8,292	26,727	
Montgomery	46,543	...	...	...	Indigo ...	...	5	24	
					Maize ...	836	3,276	3,182	
					Jowár & chari	3,839	20,747	24,636	
					Miscellaneous	5,802	29,967	28,143	
...	72,519	...	...	...	...	11,936	72,519	95,613	
Shahpur ...	27,879	10	3·05	0·08	Sugarcane ...	...	75	71	The Canals had poor supplies and were dry for some days. The figures for last year are kharíf only, while those for current year include area watered for rabi.
					Rice ...	2	281	...	
					Cotton ...	17	2,821	11,380	
					Indigo ...	...	...	...	
					Maize ...	...	...	6	
					Jowár & chari	213	2,303	2,426	
					Miscellaneous	6,432	22,399	6,470	
...	27,879	...	...	...	...	6,664	27,879	20,353	
Mooltan ...	188,177	36	1·60	...	...	38,047	188,177	246,017	
D. G. Khan...	154,936	10	0·93	...	...	27,425	154,936	182 509	
Muzaffargarh	204,701	5	1·58	...	...	53,747	204,701	131,469	
Hissar ...	12,427	...	...	...	Sugarcane ...	...	...	...	Lake full at beginning, but very low at end of the month.
Bikanir State	7,499	...	...	...	Rice ..	2,10	7,319	2,647	
					Cotton ...	...	40	...	
					Indigo ..	...	...	...	
					Maize ...	1,676	3,73	...	
					Jowár & chari	152	292	17	
					Miscellaneous	2,160	8,544	3,467	
...	19,926	...	...	...	...	6,090	19,926	6,131	
...	72,519	...	...	...	...	11,936	72,519	95,613	
...	27,879	...	...	...	...	6,664	27,879	20,353	
...	188,177	...	...	...	...	38,047	188,177	246,017	
...	154,936	...	...	...	...	27.425	154,936	182,509	
...	204.701	...	...	...	...	53.747	204,701	131,469	
...	19,926	...	...	...	...	6,090	19,926	6,131	
...	668,138	...	...	...	...	143,909	668,138	682,092	
Shahpur ...	19,646	10	4·56	0·63	Sugarcane ...	6	105	48	The Canals had poor supplies and were dry for some days. The figures for last year are kharíf only, while those for current year include area watered for rabi.
					Rice ...	15	828	...	
					Cotton ..	5	503	1,983	
					Indigo ...	...	...	...	
					Maize ..	...	...	23	
					Jowár & chari	221	729	1,249	
					Miscellaneous	2,761	17,481	8,465	
...	19,646	...	...	...	...	3,008	19,646	11,768	
...	1,178,463	...	...	...	...	296,492	1,178,463	1,553,861	
...	668,138	...	...	...	...	143,909	668,138	682,092	
...	1,846,601	...	...	...	...	440,401	1,846,601	2,235,953	
...	19,646	...	...	...	...	3,008	19,646	11,768	
...	1,866,247	...	...	...	...	443 409	1,866,247	2,247,721	

L. M. JACOB,
Under-Secretary to Government, Punjab,
P. W. D., Irrigation Branch.

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF JULY 1898.

Month.	Documents registered.			Total collections, inclusive of copying fees.	Total expenditure, inclusive of that paid out of copying fees.	Remarks.
	Compulsory.	Optional.				
		Relating to immoveable property.	Others.			
				Rs.	Rs.	
July 1898	10,976	5,262	862	40,137	11,583	
July 1897	14,992	8,474	1,027	54,547	13,514	
Difference ...	— 4,016	— 3,212	— 165	— 14,410	— 1,931	
First 4 months of 1898-99	41,063	16,394	2,978	1,48,205	44,577	
First 4 months of 1897-98	52,868	23,772	3,415	1,88,548	50,898	
Difference ...	— 11,805	— 7,378	— 437	— 40,343	— 6,321	

OFFICE OF INSPR.-GENL. OF REGTN., PUNJAB,
LAHORE:
The 12th September 1898.

C. G. PARSONS, CAPTAIN,

Offg. Inspector-General of Registration, Punjab.

NORTH-WESTERN RAILWAY.

Abstract of Principal Commodities carried over the North-Western Railway during the month of July 1898 as compared with the same month of the previous year.

No.	Staples.		1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
			No.	No.	No.	No.	
1	Animals	...	2,313	561	...	1,752	
			Tons.	Tons.	Tons.	Tons.	
2	Coal and coke	...	2,583	3,292	709	...	
3	Cotton, raw	...	1,893	1,343	...	550	
4	Cotton, manufactured—						
	(1) Twist and yarn, European	...	322	235	...	87	
	(2) Twist and yarn, Indian	...	260	332	72	...	
	(3) Piece-goods, European	...	1,523	1,577	54	...	
	(4) Piece-goods, Indian	...	1,482	1,154	...	328	
5	Drugs and chemicals—						
	(1) Intoxicating other than opium	...	105	81	...	24	
	(2) Non-intoxicating—						
	(a) Cinchona bark	...	...	1	1	...	
	(b) Others	...	516	556	40	...	
6	Dyes and tans—						
	(1) Indigo	...	128	74	...	54	
	(2) Myrabolams	...	22	18	...	4	
	(3) Cutch	...	3	1	...	2	
	(4) Turmeric	...	189	237	48	...	
	(5) Alizarine and aniline dyes	...	65	60	...	5	
	(6) Others	...	386	281	...	105	
7	Grain and pulse—						
	(1) Wheat	...	41,934	69,025	27,001	...	
	(2) Rice in the husk	...	304	390	86	...	
	(3) Rice not in the husk	...	6,103	5,937	...	166	
	(4) Jowár and bájra	...	10,045	6,706	...	3,339	
	(5) Gram and pulse	...	6,740	11,408	4,668	...	
	(6) Others	...	3,391	2,908	...	483	
8	Hides and skins—						
	(1) Hides of cattle—						
	(a) Dressed or tanned	...	151	130	...	21	
	(b) Raw	...	643	374	...	269	
	(2) Skins of sheep—						
	(a) Dressed or tanned	...	8	8	...	...	
	(b) Raw	...	346	405	59	...	
9	Horns	...	51	64	13	...	
10	Jute—						
	(1) Raw	...	1	...	...	1	
	(2) Gunny bags and cloth	...	2,610	2,799	189	...	
11	Lac—						
	(1) Stick	...	1	0	8	...	
	(2) Shell	...	24	19	...	5	
12	Leather, manufactured	...	159	141	...	18	
13	Liquors—						
	(1) Beer	...	538	590	52	...	
	(2) Spirits	...	47	36	...	11	
	(3) Wines	...	203	281	78	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
14	Metals—					
	(1) Copper, unwrought ...	24	33	9	...	
	(2) Brass, unwrought ...	32	64	32	...	
	(3) Copper, wrought ...	63	52	...	11	
	(4) Brass, wrought ...	92	85	...	7	
	(5) Iron ...	3,056	3,310	254	...	
	(6) Others ...	217	166	...	51	
15	Oils—					
	(1) Kerosene ...	918	834	...	84	
	(2) Castor ...	13	9	...	4	
	(3) Cocoanut oil ...	13	16	3	...	
	(4) Others ...	270	366	96	...	
16	Oil-seeds—					
	(1) Linseed ...	100	201	101	...	
	(2) Rape and mustard ...	7,482	12,685	5,203	...	
	(3) Til or jinjili ...	1,009	178	...	831	
	(4) Poppy ...	33	37	4	...	
	(5) Earthnut ...	8	2	...	6	
	(6) Castor ...	8	9	1	...	
	(7) Cotton seed ...	2,105	1,610	...	495	
	(8) Others ...	1,102	4,845	3,743	...	
17	Opium ...	11	15	4	...	
18	Paper and paste-boards ...	182	176	...	6	
19	Provisions—					
	(1) Ghi ...	888	674	...	214	
	(2) Dried fruits ...	523	472	...	51	
	(3) Flour ...	3,640	2,568	...	1,072	
	(4) Others ...	2,337	2,952	615	...	
20	Railway Materials for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders ...	...	...	...	...	
	(2) Carriages and Trucks ...	...	...	...	...	
	(3) Materials for construction—					
	(a) Wooden sleepers ...	553	59	...	494	
	(b) Other sorts ...	1,444	243	...	1,201	
21	Salt ...	8,458	9,951	1,493	...	
22	Saltpetre, &c.—					
	(1) Saltpetre ...	111	146	35	...	
	(2) Other saline substances ...	328	623	295	...	
23	Silk, raw—					
	(1) Foreign ...	46	33	...	13	
	(2) Indian ...	15	4	...	11	
24	Silk piece-goods—					
	(1) Foreign ...	7	2	...	5	
	(2) Indian ...	3	7	4	...	
25	Spices—					
	(1) Betelnut ...	47	67	20	...	
	(2) Pepper ...	49	43	...	6	
	(3) Ginger ...	16	17	1	...	
	(4) Chillies ...	137	197	60	...	
	(5) Cardamums ...	9	9	...	...	
	(6) Others ...	282	307	25	...	
26	Stone and lime ...	8,087	11,730	3,643	...	
27	Sugar—					
	(1) Refined ...	2,951	2,536	...	415	
	(2) Unrefined ...	3,327	4,810	1,483	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
28	Tea—					
	(1) Foreign ...	8	12	4	...	
	(2) Indian ...	229	250	21	...	
29	Timber ...	5,728	5,243	...	485	
30	Tobacco—					
	(1) Unmanufactured ...	1,097	1,186	89	...	
	(2) Manufactured—					
	(a) Cigars ...	12	10	...	2	
	(b) Others ...	133	192	59	...	
31	Wool, raw ...	1,872	1,203	...	669	
32	Wool, manufactured—					
	(1) Piece-goods, European ...	12	29	17	...	
	(2) Piece-goods, Indian ...	143	112	...	31	
	(3) Shawls ...	...	...	...	...	
33	All other articles of merchandise—					
	(1) Firewood ...	4,913	6,936	2,023	...	
	(2) Manures ...	4,077	1,608	...	2,469	
	(3) Fodder ...	3,434	1,254	...	2,180	
	(4) Lucifer matches ...	64	53	...	11	
	(5) Others ...	5,736	7,704	1,968	...	
		No.	No.	No.	No.	
	Total ... Animals ...	2,313	561	...	1,752	
		Tons.	Tons.	Tons.	Tons.	
	Total ... Goods ...	160,230	198,407	38,177	...	

LAHORE:
The 19th September 1898.

J. LIGHTFOOT,
Examiner of Accounts, North-Western Railway.

Panjab Government Press, Lahore—29-9-98—690.

No. 40 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, OCTOBER 6, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 4th OCTOBER 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	0·11 at Sadr ... 0·20 in Hansi.	1. Sufficient ... 2. Good.	Wheat 16 seers ... Gram 19 seers. Bájra 18 seers.	Crops mostly dried up. Canal crops good.	...
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Wheat 16½ seers Gram 19½ seers. Bájra 19 seers.	Below average. Bájra (bulrush millet) is being reaped.	Sowings in progress.
3	Umballa ...	...	1. Sufficient ...	Wheat 19½ seers Maize 21½ seers.	Maize is being cut ...	Gram sowings in progress.
4	Jullundur ...	0·30 in Phillour.	2. Good ...	Wheat 21 seers ... Gram 22¼ seers. Barley 29 seers.	Good ...	Ploughings continue.
5	Ferozepore ...	0·14 at Sadr ... 0·24 in Moga. 0·30 in Zira. 0·03 in City.	1. Sufficient ...	Wheat 19 seers ... Gram 23 seers. Barley 30 seers. Jowár 26 seers. Bájra 20 seers. Maize 24 seers.	Average. More rain wanted ...	Ploughings continue.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	2. Good ...	Wheat 17½ seers	Good. Water in canal scanty ...	Sowings in progress.
7	Lahore ...	0·05 ...	1. Sufficient ... 2. Good.	Wheat 18 to 21 seers. Maize 24 seers.	Crops on well land are below average, those on canal lands are average and those on dry land have suffered from want of rain. Damage done to crops by small insects in parts.	...
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 20¼ seers Maize 30 seers.	Crops in good condition ...	Ploughings going on.
9	Siálkot ...	0·39 average ...	1. Sufficient ... 2. Good.	Wheat 17½ to 19 seers. Rice 12 to 13 seers.	Flourishing ...	Sowings in progress.
10	Shahpur ...	...	1. Sufficient ... 2. Good.	Wheat 17 to 21 seers. Bájra 20 to 26 seers.	Rain badly wanted ...	...
11	Ráwalpindi ...	0·28 at Sadr ... 0·53 in Pindigheb. 0·63 in Fatahjang. 1·40 in Gujar Khan. 1·56 in Kahúta. 3·26 in Murree.	1. Sufficient ...	Wheat 18 seers ... Bájra 22 seers. Maize 27 seers.	Average. Hail fell in Fatahjang	...
12	Peshávar ...	0·45 ...	1. Sufficient ... 2. Good.	Wheat $15\frac{7}{16}$ seers. Maize $26\frac{13}{16}$ seers.	Good ...	Sowings continue.
13	D. I. Khan ...	...	1. Procurable... 2. Fair.	Wheat 18¾ seers Bájra 23 seers.	Average in Tánk, Kuláchi and Bhakkar; poor in Leiah and failed in Dera.	...

GENERAL REMARKS.

Rainfall.—Rain ranging from 1¼ inches to ⅐ of an inch has fallen in the Hissar, Jullundur, Ferozepore, Siálkot, Ráwalpindi and Peshâwar Districts.

Prices—Falling in Hissar, Mooltan and Dera Ismail Khan; unchanged elsewhere. Wheat is selling from 16 to 21, gram 19 to 23, barley 29 to 30, bulrush millet 18 to 26, maize 21½ to 30, great millet 26, and rice 12 to 13 seers per rupee.

Agricultural operations.—Harvesting of autumn crops in progress. Ploughings and sowings of spring crops going on.

Crops and outturn.—Condition and prospect of standing crops are generally reported good to average. Prospects are said to be below average in parts of Delhi and poor in parts of Dera Ismail Khan. Autumn crops have been totally dried up in parts of Hissar, Lahore and Dera Ismail Khan Districts. Rain is urgently needed in some districts.

Damage done to crops.—Crops have been damaged by small insects in parts of Lahore. Hail fell in parts of Ráwalpindi, but no damage is reported.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient throughout the Province.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 10th September 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
	...	Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	*15,139	*14,525 9 0	46,673 10	7,782 0 0	53 0 0	22,360 9 0	7,297	2,952	10,249
Or per mile of Railway	...	89 8 6	...	47 15 5	0 5 3	137 13 2	...	...	...
For previous 9⅚ weeks of half year	†167,008	†1,36,329 11 0	‡578,286 30	‡71,656 6 0	489 0 0	2,08,468 1 0	65,423	26,396	91,819
Total for 10⅚ weeks ...	182,147	1,50,848 4 0	624,960 0	79,438 6 0	542 0 0	2,30,828 10 0	72,720	29,348	102,068
COMPARISON.									
Total for corresponding week of previous year ...	17,424	30,118 13 9	98,685 30	17,012 14 10	184 9 6	47,316 6 1	8,356	5,300	13,656
Per mile of Railway corresponding week of previous year.	...	185 10 4	...	104 13 10	1 2 2	291 10 4	...	...	...
Total for corresponding 10⅚ weeks of previous year ...	179,805	2,00,134 3 8	829,380 0	1,18,724 11 10	889 5 6	3,19,748 5 0	82,504	41,503	124,007

* The decrease is chiefly due to the running of extra troop trains and despatch of Commissariat stores to the frontier in the corresponding period of 1897.

† Added No. of passengers 2,026 and Rs. 2,851 }
‡ Deducted Mds. 5,476 „ „ 191 } on account of difference between the Approximate and Audited figures for the week ended 30th July 1898.

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 15th September 1898.

T. BASHFORD,
Acting Chief Auditor.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 17th September 1898 on 162·24 miles open.

	Coaching Traffic.		*Merchandise and Mineral Traffic.*				*Traffic train-miles run.*		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs A. P.	Rs A. P.			
Total traffic for the week	*14,083	*14,031 8 0	62,476 30	11,093 15 0	51 0 0	25,176 7 0	6,884	3,077	9,961
Or per mile of Railway	...	86 7 9	...	68 6 1	0 5 1	155 2 11	...	...	...
For previous $10\frac{2}{7}$ weeks of half-year	†182,962	†1,51,281 4 0	‡576,938 0	‡78,397 6 0	542 0 0	2,30,220 10 0	72,720	29,348	102,068
Total for $11\frac{2}{7}$ weeks ...	197,045	1,65,312 12 0	639,414 30	89,491 5 0	593 0 0	2,55,397 1 0	79,604	32,425	112,029
COMPARISON.									
Total for corresponding week of previous year ...	14,650	27,450 8 6	84,909 20	15,858 8 0	118 8 3	43,427 8 9	9,387	5,980	15,367
Per mile of Railway corresponding week of previous year.	...	169 3 2	...	97 12 0	0 11 8	267 10 10	...	...	...
Total for corresponding $11\frac{3}{7}$ weeks of previous year ...	194,455	2,27,584 12 2	914,289 20	1,34,583 3 10	1,007 13 9	3,63,175 13 9	91,891	47,483	139,374

* The decrease is due to the running of extra troop trains and despatch of Commissariat stores to the frontier in the corresponding period of 1897.

† Added No. of passengers 815 and Rs. 433 } on account of difference between the Approximate and Audited figures for the weeks ended 6th and 13th August 1897.
‡ Deducted Mds. 48,022 " " 1,041 }

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 22nd September 1898.

T. BASHFORD,
Acting Chief Auditor.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 17TH SEPTEMBER 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	4	3	7	9	1	8	...	...	...	3	1	...	5	1	2	3	22	28	1
2		Hansi ...	15,190	9	11	20	4	3	1	...	...	...	1	1	...	2	...	1	1	69	14	2
3		Bhiwani ...	35,487	22	17	39	28	11	17	...	...	...	13	1	...	14	2	6	8	57	41	3
4		Sirsa ...	16,415	8	7	15	7	2	5	...	...	...	3	1	...	3	1	1	2	48	22	4
5	Rohtak ...	Rohtak ...	16,191	12	6	18	6	5	1	...	...	...	1	...		5	3	...	3	58	19	5
6		Jhajjar ...	11,881	5	8	13	5	4	1	...	...	1	2	...	...	2	1	1	2	57	22	6
7	Gurgaon ...	Rewari ...	27,934	10	16	26	12	6	6	...	...	...	5	2	...	5	...	1	1	49	22	7
8		Palwal ...	11,227	15	9	24	12	7	5	...	...	...	9	...	...	3	2	1	3	111	56	8
9	Delhi ...	Delhi ...	189,648	97	116	213	105	54	51	...	...	...	70	3	...	32	13	13	26	59	29	9
10		Sonepat ...	12,611	5	12	17	8	3	5	...	...	...	5	1	...	2	1	4	5	70	33	10
11	Karnal ...	Karnal ...	21,530	10	12	22	14	3	11	...	...	...	6	2	.	6	1	4	5	53	34	11
12		Kaithal ...	15,768	12	14	26	19	10	9	...	...	...	6	2	...	11	6	4	10	86	63	12
13		Panipat ...	27,547	12	18	30	21	14	7	...	...	...	9	4	...	8	6	1	7	57	40	13
14		Shahabad ...	11,473	6	10	16	5	3	2	...	...	...	2	...	...	3	1	2	3	73	23	14
15	Umballa ...	Umballa ...	26,856	15	12	27	17	7	10	...	...	...	4	2	...	11	3	1	4	52	33	15
16		Jagadhri ...	13,029	7	7	14	5	4	1	...	...	...	4	...	...	1	1	...	1	56	20	16
17		Sadhaura ...	10,445	4	5	9	2	1	1	...	...	...	1	...	...	1	1	1	2	45	10	17
18	Hoshiarpur	Hoshiarpur ...	17,546	11	6	17	18	11	7	...	...	...	10	1	...	7	6	2	8	51	53	18
19		Tanda and Urmar	11,632	10	7	17	12	7	5	...	...	...	7	4	...	1	2	3	5	76	45	19
20	Jullundur ...	Jullundur ...	50,375	20	14	34	30	17	13	...	...	...	12	7	...	11	9	5	14	35	31	20
21		Rahon ...	10,667	1	4	5	5	3	2	...	...	...	2	...	...	3	...	1	1	24	24	21
22		Kartarpur ...	10,441	4	1	5	3	2	1	...	...	...	...	1	...	2	1	1	2	25	15	22
23	Ludhiana ...	Ludhiana ...	46,024	15	17	32	35	15	20	...	...	...	18	4	...	13	5	6	11	36	40	23
24		Jagraon ...	18,116	10	6	16	14	7	7	...	...	...	5	2	...	7	2	4	6	46	40	24
25	Ferozepore ...	Ferozepore ...	25,337	11	5	16	15	6	9	...	...	...	10	1	...	4	2	3	5	33	31	25
26	Mooltan ...	Mooltan ...	64,265	22	38	60	40	22	18	...	...	...	14	4	2	20	9	9	18	49	32	26
27	Jhang ...	Maghiana ...	13,866	10	11	21	8	7	1	...	...	...	2	...	...	6	3	...	3	79	30	27
28		Chiniot ...	13,476	7	10	17	7	5	2	...	...	...	2	...	...	5	1	1	2	66	27	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ..	159,597	61	55	116	93	48	45	..	...	...	54	7	2	30	13	11	24	38	30	29
30		Kasur ...	20,290	10	14	24	7	3	4	..	...	...	3	1	...	3	...	3	3	62	18	30
31		Chunian ...	10,339	9	11	20	10	1	9	..	...	...	4	...	...	6	...	4	4	101	50	31
32	Amritsar ...	Amritsar ...	135,401	68	69	137	121	52	69	..	...	...	90	3	...	28	13	16	29	53	47	32
33	Gurdaspur ...	Batala ...	27,223	19	20	39	18	7	11		...	...	10	...	1	7	1	2	3	75	34	33
34	Sialkot ...	Sialkot ..	33,965	31	14	45	35	18	17	..	...	...	18	5	...	12	5	4	9	69	54	34
35	Gujrat ...	Gujrat ...	17,671	10	9	19	13	5	8	..	...	...	10	1	...	2	...	4	4	56	38	35
36		Jalalpur ..	11,065	3	6	9	19	11	8	..	...	...	10	4	...	5	4	2	6	42	90	36
37	Gujranwala ...	Gujranwala ...	25,892	14	7	21	16	8	8	..	...	...	8	...	...	8	4	2	6	42	32	37
38		Wazirabad ...	15,786	4	7	11	14	5	9	..	...	...	8	2	...	4	1	2	3	36	46	38
39	Shahpur ...	Bhera ...	17,428	17	16	33	13	7	6	..	..	...	4	2	...	7	...	3	3	99	39	39
40	Jhelum ...	Pind Dadan Khan	15,055	4	4	8	9	2	7	...	...	...	3	4	...	2	...	3	3	28	31	40
41	Rawalpindi ...	Rawalpindi ...	38,334	11	10	21	24	10	14	...	...	...	16	1	...	7	4	4	8	29	33	41
42	Peshawar ...	Peshawar ...	63,079	17	16	33	17	10	7	..	...	...	12	2	1	2	1	2	3	27	14	42
43	Kohat ...	Kohat ...	14,347	4	5	9	5	1	4	...	...	...	3	1	...	1	1	2	3	33	18	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	12	4	16	[illegible]	6	6	...	...	...	6	1	...	5	5	1	6	39	29	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	4	6	10	13	11	2	...	...	...	9	...	...	4	4	...	4	22	28	45
	Grand Total	...	1,412,775	672	675	1,347	905	445	46	...	...	1	494	78	6	326	139	143	282	50	33	
	Hill Sanitaria.																					
	Simla ...	... ...	13,279	2	...	2	5	5	..	...	...	...	4	...	...	1	1	...	1	8	20	
	Dharmsala ...	... ...	2,778		2	2	2	2	...	...	...	...	1	...	...	1	...	..	...	38	38	
	Dalhousie ...	... ...	807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	Murree ...	... ...	1,459	1	...	1	3	3	...	...	...	...	2	...	...	1	...	...	...	36	107	

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 4th October 1898.

C. J. BAMBER, Major, I. M. S.,
Offg. Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 17TH SEPTEMBER 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 1,347 births were registered (672 males and 675 females), giving a birth-rate of 50 per *mille* of population; 905 deaths were registered (445 males and 460 females), giving a death-rate of 33 per *mille* of population.

C. J. BAMBER, MAJOR, I. M. S.,
Offg. Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 4th October 1898.

Punjab Government Press, Lahore—6-10-98—690.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, OCTOBER 13, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 11th OCTOBER 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	..	1. Sufficient ... 2. Good.	Wheat 17 seers ... Gram 19 seers. Bájra 17 seers.	Crops completely withered throughout greater part of the district. Prospects of canal crops good.	...
2	Delhi ...	...	1. Sufficient ... 2. Fair.	Wheat 16½ seers Gram 19½ seers. Bájra 19 seers.	Prospects below average. Reapings in progress.	Sowings delayed for want of rain.
3	Umballa ...	...	1. Sufficient ... 2. Fair.	Wheat 19 seers... Gram 21½ seers. Maize 28 seers.	Reapings commenced ...	Sowings in progress.
4	Jullundur ...	...	2. Good ...	Wheat 21 seers ... Gram 22½ seers. Barley 29 seers. Maize 24 seers.	Crops in good condition ...	Ploughings continue.
5	Ferozepore ...	...	1. Sufficient ... 2. Fair.	Wheat 19 seers ... Gram 23 seers. Barley 30 seers. Jowár 26 seers. Bájra 20 seers. Maize 24 seers.	Crops being harvested ...	Ploughings continue.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	...	Wheat 17½ seers	Crops in good condition. Water scanty in canals.	Sowings in progress.
7	Lahore ...	...	1. Sufficient ... 2. Good.	Wheat 18 to 21 seers. Maize 24 seers.	Reaping of rice and picking of cotton in progress. Irrigation of crops going on. Irrigated crops average, but unirrigated crops have suffered from want of rain. Damage done to crops by small insects in parts.	Sowings continue.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 21 seers ... Maize 27 seers.	Crops in good condition. Minor crops being harvested.	Ploughings going on.
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 17½ to 19 seers. Rice 12 to 13 seers.	Crops in good condition ...	Sowings continue.
10	Shahpur ...	...	1. Scarce ...	Wheat 17 to 21 seers. Bájra 20 to 26 seers.	Crops drying for want of rain ...	...
11	Ráwalpindi ...	...	1. Sufficient ...	Wheat 18 seers ... Bájra 22 seers. Maize 27 seers.	Prospects average ...	Sowings commenced.
12	Pesháwar ...	...	1. Sufficient ... 2. Good.	Wheat $15\frac{11}{16}$ seers. Maize $26\frac{13}{16}$ seers.	Condition of standing crops good	Sowings continue.
13	D. I. Khan ...	...	1. Procurable... 2. Fair.	Wheat 20½ seers Bájra 23 seers.	Condition of standing crops average in Leiah and Kuláchi, below average in Bhakkar and Tánk, but a failure in the Dera Tahsíl. Rain wanted.	...

GENERAL REMARKS.

Rainfall.—Nil.

Prices—Rising in Umballa; falling in Hissar, Amritsar, Pesháwar and Dera Ismail Khan; unchanged elsewhere. Wheat is selling from $15\frac{11}{16}$ to 21, gram 19 to 23, barley 29 to 30, bulrush millet 17 to 26, maize 24 to 28, great millet 26 and rice 12 to 13 seers per rupee.

Agricultural operations.—Harvesting of autumn crops and picking of cotton going on. Standing crops are being irrigated Ploughings and sowings of spring crops in progress, but the latter are delayed in Delhi owing to want of rain.

Crops and outturn.—Condition and prospect of standing crops are generally good to average. Autumn crops have dried up for want of rain in parts of Hissar, Lahore and Dera Ismail Khan and are suffering in parts of Shahpur. Prospects of crops are below average in parts of Delhi and Dera Ismail Khan. Rain still wanted.

Damage done to crops.—Crops have been damaged by small insects in parts of Lahore.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient in all districts except Shahpur.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING AUGUST 1898.

Station.	Pressure.		Wind.		Temperature in shade.								
	Barometer at 8 A. M.	Variation from normal.	Mean direction and force in August 1898.	Normal direction and force in August.	8 A. M.	Mean maximum.	Variation from normal.	Mean minimum.	Variation from normal.	Mean monthly variation from normal.	Humidity.	Vapour tension.	Amount of cloud (10 overcast).
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Delhi ...	29·523	—·037	S. 83° W. 5	S. 19° W. 4	84·0	93·2	+ 1·6	81·0	+ 1·9	+ 1·8	72	·838	7
Sirsa ...	29·511	—·031	S. 76° W. 9	S. 32° W. 5	87·7	102·1	+ 4·7	82·3	+ 2·9	+ 3·8	68	·901	5
Umballa ...	29·525	?	S. 78° E. 1	? ?	81·7	93·0	?	78·9	?	?	87	·940	1
Ludhiána ...	29·509	—·048	S. 16° E. 3	S. 66° E. 1	85·0	97·5	+ 2·2	81·8	+ 3·1	+ 2·7	72	·855	6
Lahore ...	29·488	—·051	S. 35° E. 3	S. 83° E. 3	87·4	99·3	+ 3·3	83·3	+ 4·4	+ 3·9	68	·869	1
Montgomery ...	29·477	—·046	S. 32° E. 10	? ?	89·8	106·2	+ 4·8	84·5	+ 3·5	+ 4·2	54	·758	1
Siálkot ...	29·497	—·047	N. 78° E. 4	S. 89° E. 2	86·7	99·2	+ 5·2	*80·5	+ 3·0	+ 4·1	71	·899	3
Ráwalpindi ...	29·464	—·047	S. 79° E. 2	S. 58° E. 2	85·0	100·8	+ 7·3	79·2	+ 4·2	+ 5·8	71	·860	4
Khusháb ...	29·479	?	S. 70° E. 7	? ?	89·8	104·7	?	82·0	?	?	5[illegible]	·824	1
Pesháwar ...	29·443	—·059	N. 13° W. 2	N. 42° E 4	87·1	102·1	+ 3·2	80·0	+ 2·2	+ 2·7	68	·867	2
Dera Ismail Khan†	29·464	—·058	N. 90° E. 3	S. 75° E. 2	88·0	103·0	+ 2·3	82·5	+ 1·2	+ 1·8	70	·917	1
Mooltan ...	29·472	—·050	S. 13° W. 4	S. 19° W. 3	86·8	103·4	+ 3·2	83·7	+ 1·7	+ 2·5	66	·833	0
Simla ...	23·004	—·012	N. 33° E. 5	S. 77° W. ...	61·7	67·4	+ 0·1	59·7	0	+ 0·1	94	·521	9
Murree ...	23·709	—·025	S. 24° E. 4	S. 4° E. 5	67·8	76·4	+ 2·3	63·3	+ 2·4	+ 2·4	82	·558	1
Srinagar ...	24·679	?	S. 43° E. 6	? ?	72·1	88·8	?	64·8	?	?	8[illegible]	·695	3
Gulmarg ...	21·776	?	S. 77° E. 3	? ?	62·0	71·0	?	50·4	?	?	77	·436	4
Skardu ...	22·679	?	S. 80° W. 10	? ?	73·5	90·3	?	63·0	?	?	57	·472	2
Dras ...	20·689	?	N. 67° W. 9	? ?	66·1	85·0	?	49·3	?	?	54	·349	3
Cherát ...	25·493	?	S. 1° E. 10	? ?	77·7	90·9	?	72·4	?	?	73	·687	3

*Mean of 22 days.
† " 30 "

In 1897 the monsoon rainfall of the whole period was abnormally light, but the month of August stood out in marked exception, as in that month there was a general excess of rain throughout the Punjab. In 1898 the monsoon has again been generally light, but August instead of proving an exception has had lighter rainfall relatively to the average than any other month in the monsoon. On no day throughout the month did really typical monsoon weather prevail, what rain was received having fallen during showers and thunder-storms. On no less than four days, *viz.* the 14th, 16th, 19th and 22nd, the sky was practically clear of cloud and the weather was rainless, while on the majority of days the only rainfall received was on and near the hills. On the first three days of the month the weather was cloudy and showery over the south-east and east of the province, after which for twenty days the weather was fine with only a few light scattered showers. On the 24th the sky clouded over and rain commenced in the south-east, again the showers subsequently spreading along the line of the hills as far west as Ráwalpindi.

Pressure and Winds.—The mean pressure of the month was less than usual everywhere. The greatest deficiency was reported from the plains stations in the north-west of the Province and the least from the hill stations. The wind was unusually westerly at the stations in the south-east of the Province, unusually southerly in the centre of the Province, and more northerly than the normal at Siálkot, Peshàwar, Dera Ismail Khan and Simla. The velocity was higher than usual over a large part of the Punjab.

Temperature.—Owing to the absence of rain, the mean temperature was excessive at all stations, both on the hills and plains. At Simla the excess was very small, but at Sirsa and Lahore it was over 3°, at Montgomery and Siálkot over 4° and at Ráwalpindi over 5°. Both the day and night temperatures were excessive, but the excess was more marked in the case of the day than in the case of the night temperatures. At Ráwalpindi the mean day temperatures were over 7°, and at Siálkot and Montgomery over 5° higher than usual.

The following table gives (1) the variation from the normal of the mean temperature of the Punjab for each day of the month, and (2) the highest maximum temperature registered within the Province on each day, with the name of the station which registered it:—

Date.	Variation from normal of mean temperature of previous 24 hours.	Highest maximum temperature of the day.	Station at which registered.	Date.	Variation from normal of mean temperature of previous 24 hours.	Highest maximum temperature of the day.	Station at which registered.
1	2	3	4	1	2	3	4
1898				1898.			
August 1st ...	— 1·9	103·4	Mooltan.	August 17th ...	+ 4·5	106·8	Khusháb.
" 2nd ..	— 0·2	106·4	Do.	" 18th ...	+ 5·0	106·8	Do.
" 3rd ...	— 0·2	108·4	Do.	" 19th ...	+ 5·4	107·5	Montgomery and Peshàwar.
" 4th ...	+ 1·1	108·9	Do.	" 20th ...	+ 6·3	108·0	Montgomery.
" 5th ...	+ 2·2	108·0	Montgomery.	" 21st ...	+ 6·1	108·0	Montgomery and Ráwalpindi.
" 6th ...	+ 2·8	106·0	Do.	" 22nd ...	+ 6·5	107·3	Khusháb.
" 7th ...	+ 2·4	105·0	Montgomery and Peshàwar.	" 23rd ...	+ 7·2	108·0	Montgomery.
" 8th ...	+ 2·7	105·5	Montgomery.	" 24th ...	+ 6·6	110·0	Do.
" 9th ...	+ 3·5	107·5	Do.	" 25th ...	+ 6·3	110·0	Do.
" 10th ...	+ 4·9	108·4	Khusháb.	" 26th ...	+ 2·3	105·8	Khusháb.
" 11th ...	+ 5·6	108·4	Do.	" 27th ...	— 2·9	100·5	Montgomery.
" 12th ...	+ 5·0	107·5	Ráwalpindi.	" 28th ...	+ 0·9	104·0	Do.
" 13th ...	+ 3·4	106·8	Khusháb	" 29th ...	+ 3·0	105·5	Do.
" 14th ...	+ 3·8	106·0	Montgomery	" 30th ...	+ 3·1	106·5	Do.
" 15th ...	+ 3·9	106·3	Khusháb.	" 31st ...	+ 1·7	108·0	Do.
" 16th ...	+ 3·4	106·3	Do.				

On the first day of the month the mean temperature was 1·9° lower than usual. This deficiency disappeared during the next two days, and on the 4th the mean temperature of the whole Province went above the normal. This continued until the 26th, when there occurred a sudden and large fall, and the mean temperature on the 27th was 2·9° below the average. On the 28th the heat was again about normal, and from the 29th to the end of the month was excessive. The hottest period relatively to the normal was between the 20th and the 25th. On the 24th and 25th the thermometer rose to 110° at Montgomery, which was the highest reading recorded throughout the Province during the month.

Humidity and Cloud.—The air was damp generally, but the cloud amount was low.

Rain.—No rain whatever was received during the month at Mooltan, Dera Ismail Khan, Khusháb and Montgomery, and at all the other plains stations the fall for the month was largely short of the average. At Lahore and Sirsa only about ¼th of an inch was received as the total fall for the whole month. This lightness of the rainfall was equally marked over Kashmir, but it is remarkable that both at Murree and Simla the total fall was slightly more than the normal. Thus the table shows at Ráwalpindi a deficiency of five inches, at Murree an excess of one inch, and at Srinagar a deficiency of six inches.

The following table gives the rainfall data for the Punjab stations for August 1898:—

STATION.	Normal average rainfall in August.	Actual rainfall in August 1898.	Difference from the average in August 1898.
1	2	3	4
Punjab, West.	Inches.	Inches.	Inches.
Mooltan	1·58	0	— 1·58
Dera Ismail Khan	1·43	0	— 1·43
Khusháb	2·01	0	— 2·01
Peshàwar	2·70	0·40	— 2·30
Murree	14·28	15·46	+ 1·18
Srinagar	7·36	1·28	— 6·08
Gulmarg	?	3·35	?
Skardu	1·33	0	— 1·33
Dras	0·43	0·11	— 0·32
Cherát	3·24	1·79	— 1·45
Ráwalpindi	9·16	4·16	— 5·00
Siálkot	10·87	4·47	— 6·40
Lahore	5·83	0·28	— 5·55
Montgomery	2·47	0	— 2·47
Punjab, East.			
Umballa	7·75	6·33	— 1·42
Ludhiána	6·94	0·87	— 6·07
Simla	17·98	18·77	+ 0·79
Delhi	9·35	5·78	— 3·57
Sirsa	4·11	0·29	— 3·82

SIMLA :
The 14*th September* 1898.

W. L. DALLAS,
Meteorological Reporter to Government, Punjab.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

QUANTITIES PER RUPEE BY THE

1	2			3			4			5		
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 30th September 1898.	Past fortnight ending 15th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th September 1898.	Past fortnight ending 15th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th September 1898.	Past fortnight ending 15th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th September 1898.	Past fortnight ending 15th September 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs	Srs.	Srs.	Srs.
Hissar ...	17	17	11	24	24	14	...	...	...	10	10	6
Rohtak ...	16	16	10	22	24	13	...	...	...	12	12	8
Gurgaon ...	16	16	11	24	26	15	...	...	...	8	8	7
Delhi ...	16	16	11	24	24	14	...	...	...	10	10	8
Karnál ...	18	18	11	31	30	12	...	...	...	12	10	8
Umballa ...	19	20	11	28	30	11	...	...	...	10	10	7
Simla ...	13	13	8	20	18	11	...	...	...	9	9	6
Kángra ...	19	18	11	25	24	16	...	...	...	13	12	8
Hoshiárpur ...	21	20	12	30	26	13	...	...	...	12	11	7
Jullundur ...	21	21	13	30	28	15	...	...	...	8	8	7
Ludhiána ...	20	20	12	32	32	14	...	...	...	9	9	7
Ferozepore ...	18	18	11	25	29	12	...	...	...	9	9	4
Mooltan ...	16	16	10	25	23	12	...	...	...	14	14	8
Jhang ...	20	19	11	25	25	15	...	...	...	12	12	8
Montgomery ...	19	18	11	§	24	12	...	...	...	10	10	7
Lahore ...	18	18	11	33	31	15	...	...	...	13	10	8
Amritsar ...	19	18	11	24	30	14	...	...	...	12	11	8
Gurdáspur ...	21	21	12	40	39	15	...	...	...	11	11	8
Siálkot ...	18	18	11	30	34	15	...	...	...	12	12	6
Gujrát ...	19	19	11	32	32	12	...	...	...	9	9	7
Gujránwála ...	20	20	11	34	32	15	...	...	...	12	11	7
Shahpur ...	21	20	12	28	28	14	...	...	...	8	7	5
Jhelum ...	20	20	11	29	29	13	...	...	...	10	10	8
Ráwalpindi ...	18	17	10	28	29	13	...	...	...	8	8	6
Hazára ...	18	18	11	29	27	16	...	...	...	9	9	7
Peshawar ...	15	15	10	25	25	14	...	...	...	9	10	7
Kohát ...	15	15	9	24	24	11	...	...	...	12	12	8
Bannu ...	21	19	11	39	29	16	...	...	...	12	12	7
D. I. Khan ...	19	18	10	23	12	12	...	...	...	7	7	5
D. G. Khan ...	16	15	11	20	20	13	...	...	...	13	13	9
Muzaffargarh	18	17	11	23	23	13	...	...	...	15	15	8

† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 30TH SEPTEMBER 1898.

ORDINARY SEER OF 80 TOLAS.

6			7			1	
Jowár or Cholum (*Sorghum vulgare*).			*Bájra or Cumbu* (*Pennisetum Typhoideum*).				
Present fortnight ending 30th September 1898.	Past fortnight ending 15th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th September 1898.	Past fortnight ending 15th September 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
21	20	15	18	18	15	Hissar.	
21	21	11	18	19	13	Rohtak.	
22	22	13	21	22	15	Gurgaon.	
23	23	12	19	20	14	Delhi.	
25	24	12	20	20	12	Karnál.	
25	25	12	21	21	10	Umballa.	
20	20	7	16	16	8	Simla.	
†	†	†	†	†	†	Kángra.	
25	24	13	18	16	10	Hoshiárpur.	
22	20	12	19	19	8	Jullundur.	
26	26	12	21	21	8	Ludhiána.	
26	26	12	20	20	10	Ferozepore.	
23	23	14	19	18	7	Mooltan.	
27	29	§	20	19	§	Jhang.	
§	§	§	§	§	†	Montgomery.	
22	26	12	21	21	7	Lahore.	
25	23	12	17	17	8	Amritsar.	
24	24	11	11	11	11	Gurdáspur.	
31	31	12	§	§	§	Siálkot.	
17	17	8	17	17	8	Gujrát.	
25	25	13	17	17	8	Gujránwála.	
20	20	‡	20	20	9	Shahpur.	
22	22	12	21	21	10	Jhelum.	
29	24	11	21	20	8	Ráwalpindi.	
§	§	§	16	16	§	Hazára.	
35	35	15	18	18	9	Peshâwar.	
§	§	§	23	22	10	Kohát.	
41	41	8	31	26	14	Bannu.	
25	26	19	23	23	10	D. I. Khan.	
21	21	12	23	23	13	D. G. Khan.	
20	20	10	16	16	11	Muzaffargarh.	

duced.

eurable

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	8			9			10			11		
	QUANTITIES PER RUPEE BY											
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 30th September 1898.	Past fortnight ending 15th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th September 1898.	Past fortnight ending 15th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th September 1898.	Past fortnight ending 15th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th September 1898.	Past fortnight ending 15th September 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs	Srs.	Srs.	Srs
Hissar ...	†	†	†	†	†	†	21	21	11	†	†	10
Rohtak ...	†	†	†	10	10	10	19	19	11	22	22	9
Gurgaon ...	†	†	†	†	†	†	19	19	9	21	17	12
Delhi ...	†	†	†	12	12	13	19	19	9	24	21	14
Karnál ...	25	24	10	8	8	7	20	20	9	30	30	14
Umballa ...	§	§	§	16	16	9	21	22	9	29	29	15
Simla ...	18	18	10	10	10	7	17	16	8	30	23	10
Kángra ...	§	§	§	‡	‡	‡	16	16	8	26	26	13
Hoshiárpur ...	20	20	§	12	12	11	24	23	10	29	28	15
Jullundur ...	§	§	§	19	19	12	23	22	11	24	22	12
Ludhiána ...	†	†	†	15	15	12	23	23	10	29	28	14
Ferozepore ...	†	†	†	16	16	16	22	22	9	24	22	12
Mooltan ...	†	†	†	17	16	11	18	18	9	25	21	11
Jhang ...	24	24	12	28	26	18	19	19	10	26	32	§
Montgomery ...	§	§	§	§	§	†	22	20	10	§	§	‡
Lahore ...	§	§	§	24	21	‡	22	22	10	23	23	11
Amritsar ...	§	§	†	21	19	13	23	22	10	28	28	12
Gurdáspur ...	§	§	§	12	12	12	23	22	10	24	24	14
Siálkot ...	§	§	§	§	§	§	19	21	10	§	§	§
Gujrát ...	†	†	†	§	§	†	20	20	9	17	17	8
Gujránwála ...	†	†	†	16	20	12	22	22	9	20	20	12
Shahpur ...	24	24	14	16	16	14	25	24	11	16	16	‡
Jhelum ...	†	‡	‡	‡	‡	‡	21	21	9	24	24	10
Ráwalpindi ...	‡	‡	‡	14	14	10	20	19	8	27	25	10
Hazára ...	†	†	†	§	§	§	15	16	8	25	22	11
Peshawar ...	†	†	†	18	18	11	16	15	8	26	25	10
Kohát ...	†	†	†	†	†	§	17	16	7	23	22	§
Bannu ...	13	13	8	7	7	8	24	22	10	43	41	11
D. I. Khan ...	§	§	§	‡	‡	4	21	20	10	26	26	10
D. G. Khan ...	§	§	§	§	§	§	18	17	9	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	18	18	9	§	§	§

† Not pro
‡ Not sold.
§ Not pre

OF THE PUNJAB DURING THE FORTNIGHT ENDING 30TH SEPTEMBER 1898—continued.

12			13			1
THE ORDINARY SEER OF 80 TOLAS.						
Ar[illegible] or Thur, C[illegible]jan Pea (Cajanus Indicus).			*Firewood.*			
Present fortnight ending 30th September 1898.	Past fortnight ending 15th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th September 1898.	Past fortnight ending 15th September 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
†	†	†	100	100	100	Hissar.
12	12	10	120	100	120	Rohtak.
22	18	11	140	140	160	Gurgaon.
22	22	11	90	90	100	Delhi.
16	16	8	160	160	160	Karnál.
§	§	§	160	160	160	Umballa.
9	9	6	80	80	60	Simla.
12	12	7	100	100	100	Kángra.
8	8	7	120	130	130	Hoshiárpur.
§	§	§	100	100	110	Jullundur.
11	10	7	105	100	100	Ludhiána.
11	11	7	100	100	90	Ferozepore.
†	†	†	90	90	110	Mooltan.
7	6	6	160	160	160	Jhang.
§	§	‡	250	260	310	Montgomery.
13	11	11	85	75	90	Lahore.
‡	‡	§	90	90	110	Amritsar.
§	§	§	100	100	120	Gurdáspur.
§	§	§	130	130	130	Siálkot.
†	†	†	140	140	110	Gujrát.
‡	‡	6	95	95	95	Gujránwála.
†	†	†	160	160	160	Shahpur.
‡	‡	‡	120	120	120	Jhelum.
‡	‡	‡	60	65	65	Ráwalpindi.
†	†	†	81	81	81	Hazára.
16	14	10	60	60	60	Peshàwar.
†	†	†	82	82	51	Kohát.
5	5	7	70	70	70	Bannu.
‡	‡	4	125	125	125	D. I. Khan.
§	§	§	100	100	100	D. G. Khan.
‡	‡	‡	140	140	140	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Firewood.—Prices average 114 seers as compared with 114 seers in last fortnight and 116 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Seers.	Seers.	Seers.
Gurgáon	...	160	140	140
Ferozepore	...	90	100	100
Montgomery	...	310	260	250
Gujrát	...	110	140	140
Kohát	...	51	82	82

duced.

curable,

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	14					
	QUANTITIES PER RUPEE					
	Salt					
DISTRICTS.	Present fortnight ending 30th September 1898.		Past fortnight ending 15th September 1898.		Corresponding fortnight of 1897.	
	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 0	11 0	11 0	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 4	12 0	12 0	11 0
Karnál	11 0	11 C	11 0	11 0	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 12
Simla	10 8	9 8	10 4	9 8	8 8	8 4
Kángra	*	10 0	*	10 0	*	10 0
Hoshiárpur	13 0	12 8	13 0	12 12	13 4	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	12 0	13 0	12 0	13 4	13 0
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	12 12	12 4	12 12	12 4	12 4	12 4
Jhang	12 4	11 12	11 8	11 0	12 4	12 0
Montgomery	12 12	12 8	12 12	12 8	12 12	12 8
Lahore	13 10	12 14	13 10	12 14	13 5	12 13
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 [illegible]
Siálkot	14 0	13 12	14 0	13 12	14 0	13 12
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	13 12	13 8	14 0	13 8	13 12	13 8
Shahpur	13 0	12 8	13 8	13 0	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	14 0	14 0	14 0	13 10	13 [illegible]
Hazára	*	11 8	*	11 8	*	11 0
Peshâwar	16 0	15 0	16 0	15 0	16 0	15 0
Kohát	19 4	15 4	19 4	16 4	17 14	15 [illegible]
Bannu	19 0	17 12	19 0	17 12	21 0	20 0
D. I. Khan	14 4	13 12	14 0	13 12	17 0	16 [illegible]
D. G. Khan	10 10	10 5	10 10	10 4	11 4	10 10
Muzaffargarh	12 10	12 0	12 10	12 0	12 0	12 [illegible]

* No whole
† Not pro
‡ Not sold
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 30TH SEPTEMBER 1898—concluded.

15			16			1
THE ORDINARY SEER OF 80 TOLAS.						
Gur.			*Cotton (unginned).*			DISTRICTS.
Present fortnight ending 30th September 1898.	Past fortnight ending 15th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th September 1898.	Past fortnight ending 15th September 1898.	Corresponding fortnight of 1897.	
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
9 0	8 0	9 0	8 0	7 0	7 0	Hissar.
9 8	9 8	9 8	11 0	9 0	9 0	Rohtak.
9 0	9 0	8 8	9 0	9 0	9 0	Gurgaon.
7 12	7 12	7 8	9 0	9 0	9 0	Delhi.
10 0	9 0	10 0	11 0	10 0	10 0	Karnál.
8 8	8 8	9 0	11 0	11 0	8 0	Umballa.
5 0	5 0	5 8	†	†	†	Simla.
6 0	6 0	6 0	6 0	6 0	6 0	Kángra.
7 8	7 8	8 0	10 0	10 0	9 0	Hoshiárpur.
7 0	7 0	7 8	11 0	11 0	9 8	Jullundur.
6 8	6 8	6 8	9 0	8 8	7 8	Ludhiána.
7 12	7 12	9 12	7 12	7 12	7 8	Ferozepore.
7 12	7 12	7 0	9 0	9 0	7 0	Mooltan.
8 0	8 0	7 8	12 0	12 0	8 0	Jhang.
7 8	7 8	7 8	10 0	10 0	‡	Montgomery.
7 8	7 8	7 14	9 12	9 2	0 4	Lahore.
7 8	7 8	7 12	9 12	9 12	8 4	Amritsar.
8 8	8 8	8 8	9 0	9 0	7 0	Gurdáspur.
9 0	8 0	8 8	8 0	8 0	7 4	Siálkot.
8 0	8 0	7 0	9 0	9 0	8 0	Gujrát.
8 0	8 4	8 0	10 0	10 0	8 0	Gujránwála.
7 8	7 8	8 0	10 0	10 0	10 0	Shahpur.
8 8	8 8	8 8	‡	‡	‡	Jhelum.
7 12	7 12	7 12	8 12	8 12	8 12	Ráwalpindi.
6 12	6 12	6 8	§	§	§	Hazára.
6 7	6 5	6 1	9 10	9 10	9 10	Peshâwar.
7 9	7 9	5 12	11 8	11 8	11 8	Kohát.
9 11	9 11	10 5	8 12	8 12	10 0	Bannu.
8 8	8 4	8 8	‡	‡	10 0	D. I. Khan.
6 4	6 4	6 4	§	§	§	D. G. Khan.
7 8	7 0	8 8	11 0	11 0	8 0	Muzaffargarh

REMARKS ON CURRENT VARIATIONS.

Lahori Salt.—Prices average 12 seers 5 chatáks as compared with 12 seers 5 chatáks in last fortnight and 12 seers 3 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Delhi ...	11 0	12 0	12 0
Ludhiána ...	13 0	12 0	12 0
Jhang ...	12 0	11 0	11 12
Ráwalpindi ...	13 8	14 0	14 0

Kohát Salt.—Prices average 14 seers 7 chatáks as compared with 11 seers 10 chatáks in last fortnight and 15 seers 6 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Bannu ...	20 0	17 12	17 12
D. I. Khan ...	16 0	13 12	13 12

Gur.—Prices average 7 seers 14 chatáks as compared with 7 seers 12 chatáks in last fortnight and 7 seers 14 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Umballa ...	9 0	8 8	8 8
Ferozepore ...	9 12	7 12	7 12
Mooltan ...	7 0	7 12	7 12
Gujrat ...	7 0	8 0	8 0
Kohát ...	5 12	7 9	7 9
Muzaffargarh...	8 8	7 0	7 8

Cotton (unginned).—Prices average 9 seers 9 chatáks as compared with 9 seers 6 chatáks in last fortnight and 8 seers 2 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Umballa ...	8 0	11 0	11 0
Jullundur ...	9 8	11 0	11 0
Jhang ...	8 0	12 0	12 0
Gujránwála ...	8 0	10 0	10 0
Bannu ...	10 0	8 12	8 12
Muzaffargarh	8 0	11 0	11 0

...le salt sold.
...duced.
...curable.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS

1	2	3	4	5	6	7	8	9	10	11	12
	WHOLESALE PRICE PER MAUND OF 82⅞ …										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A.
Delhi	2 8 0	3 10 2	2 5 8	1 10 1	1 11 3	2 0 11	1 9 7	2 0 11	2 15 5	4 0 0	3 5 4
Ferozepore ...	1 9 7	4 7 1	2 3 6	1 9 7	1 8 7	2 0 0	1 10 8	1 13 1	3 10 2	4 0 0	5 0 0
Mooltan	1 6 0	2 12 1	2 8 7	1 9 7	1 10 8	2 0 0	1 8 7	2 2 7	...	4 7 0	3 10 2
Lahore	1 9 0	2 15 10	2 0 4	1 2 2	1 12 6	1 12 11	1 10 8	1 11 2	3 7 7	3 4 3	3 4 9
Amritsar	1 9 7	3 3 2	...	...	...	...	...	1 10 8	...	3 1 3	3 4 [illegible]
Rawalpindi ...	1 13 1	5 5 1	2 4 0	1 7 0	1 5 4	1 14 3	1 7 8	2 0 5	3 13 0	3 1 3	3 12 [illegible]

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 30TH SEPTEMBER 1898.

OR 40 SEERS OF 80 TOLAS EACH.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.
20 0 0	5 0 0	5 0 0	11 0 6	35 8 11	2 12 2	5 0 0	11 6 10	...	0 6 5	0 8 0	0 5 9	125 0 0	60
5 0 0	5 0 0	5 0 0	13 5 4	37 0 0	2 10 8	5 0 0	13 5 4	45 0 0	0 3 3	0 5 9	0 3 3	75 0 0	50
6 10 8	5 0 0	4 13 6	12 5 0	32 0 0	3 2 9	10 0 0	3 5 4	...	0 4 11	0 7 0	...	70 0 0	50
4 10 2	4 6 2	5 2 7	12 8 9	33 11 0	2 6 5	7 11 5	12 4 11	32 8 0	0 10 8	0 6 9	...	112 8 0	100
...	4 3 1	...	12 0 0	...	2 3 7	12 0 0	...	...	...	0 6 1	...	...	...
5 0 0	4 0 0	5 0 0	13 15 0	30 7 7	2 10 8	4 0 0	13 5 4	32 0 0	0 4 0	0 9 2	0 10 8	60 0 0	60

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1898.

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
HISSAR.	Sirsa ...	2.20	11.85	2.13	1.03	1.39	8.20	9.59	The baráni kharíf harvest failed on account of scanty rainfall. The rainfall of the month was not of much use to the kharíf crops, which were mostly dried up for want of rain in time. Canal crops in good condition. Fodder sufficient. General health of the district good.
	Fatahabad ...	2.32	13.87	1.83	0.70	1.14	8.31	9.45	
	Hissar ...	2.37	14.18	2.01	0.69	1.78	8.96	10.74	
	Hánsi ...	1.99	13.59	2.39	0.41	1.11	10.96	12.07	
	Bhiwáni ...	1.68	14.79	2.73	3.40	1.81	14.32	16.13	
	Budhláda ...	...	...	...	0.91	1.94	11.46	13.40	
	Tohána ...	...	...	...	...	2.29	4.40	6.69	
JIND STATE.	Dhaneta (*c*) ...	...	...	...	1.00	1.29	13.70	14.99	
	Safidan (*c*) ...	...	...	...	2.40	2.50	15.00	17.50	
	Jind (*c*) ...	...	...	...	1.00	1.00	11.61	12.61	
BIKANER STATE.	Channi (*c*) ...	...	...	...	...	1.80	6.50	8.30	
ROHTAK.	Rohtak ...	2.26	17.93	3.50	1.79	1.40	17.71	19.11	Bájra crop has been harvested during the month under report. Outturn is an eight-anna one. Outturn of jowár and múng, &c., sown on baráni land is bad owing to scanty rain. Outturn of irrigated crops average. In some villages gram is being sown, but the area is small compared with the past year. Fodder sufficient at present. Stock of grain sufficient. Rain badly wanted.
	Gohána ...	2.41	17.66	3.41	2.07	1.55	15.96	17.51	
	Sámpla ...	2.00	18.83	3.44	1.04	2.02	11.69	13.71	
	Jhajjar ...	1.84	17.91	3.07	1.52	1.48	14.76	16.24	
GURGAON.	Farukhnagar ...	...	...	...	0.81	1.65	12.78	14.43	In the first fortnight there was fair rainfall at all stations, except Shahjahánpur, which received no rain throughout the month. In the second fortnight no rain was received at all anywhere, and hence the crop, which had been progressing favourably, suffered to some extent everywhere, but particularly in the Rewári, [illegible] and Gurgaon Tahsíls. The crops are being cut, and in the Gurgaon, Núh and Rewári Tahsíls the outturn is estimated to be poor and average at Fírozpur and Palwal. Lands are being prepared for the rabi sowings, but rain is much needed throughout the district. Health of the people is good. Fodder is sufficient. Prices stationary.
	Játusána ...	...	...	...	0.90	0.50	7.60	8.10	
	Rewári ...	1.64	20.19	3.34	2.02	1.81	12.47	14.28	
	Shahjahánpur ...	...	...	...	...	1.56	17.10	18.66	
	Tauru ...	...	...	...	1.70	3.17	12.27	15.44	
	Núh ...	1.67	23.42	4.49	1.30	2.37	17.33	19.70	
	Fírozpur ...	1.00	22.45	4.74	0.49	2.30	12.16	14.46	
	Hodal ...	...	...	...	2.28	2.55	13.27	15.82	
	Hattín ...	...	...	...	1.70	3.29	16.39	19.68	
	Palwal ...	2.04	22.15	4.47	2.09	3.53	14.66	18.19	
	Sohna ...	...	...	...	1.20	2.30	10.91	13.21	
	Gurgaon ...	2.39	23.65	4.84	0.51	2.11	12.35	14.46	
	Punahána ...	...	...	...	3.78	2.92	13.55	16.47	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1898—(CONTINUED).

Explanation:—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
DELHI.	Ballabgarh ...	1·99	22·43	4·19	3·16	2·87	14·84	17·71	The rain during the first-half of the month has been very beneficial both to the present and future crops, but the total rainfall has been much below the average, and the prospects of outturn are therefore below the average. Kharif reapings and rabi sowings commenced. Fodder and stocks sufficient. Prices almost stationary.
	Mahrauli ...	...	...	...	1·12	2·45	16·64	19·09	
	Sadr (Delhi) ...	2·97	25·11	5·07	1·01	2·86	13·85	16·71	
	Sonepat ...	2·36	23·06	6·36	0·68	2·30	14·50	16·80	
KARNAL.	Pánipat ...	2·49	20·56	4·45	0·96	3·10	12·93	16·03	At the beginning of the month a few showers, chiefly local ones, were received, but generally speaking, except in the eastern half of the Thánesar Tahsíl, the September rain may be said to have wholly failed, with the result that all baráni crops have been seriously affected and no gram sowings were possible, and the time for sowing gram has practically elapsed. The canal crops have also been affected by the drought, and the kharif harvest, which promised so well up to the end of August, will be a very poor one, except in the Khádir. Maize and rice are being harvested, and the maize crop is generally a good one. Stock of grain sufficient. Grass and fodder available. Grass has dried up. The prices are falling owing to the good prospects of other districts.
	Karnal ...	4·02	25·70	4·69	2·33	5·94	15·34	21·28	
	Rajaund ...	...	...	...	2·10	1·52	14·91	16·43	
	Kaithal ...	2·36	15·83	3·00	0·77	2·19	13·92	16·11	
	Gulah ...	...	...	...	0·98	3·62	14·20	17·82	
	Thánesar (Pipli) ...	3·29	22·91	4·09	0·99	6·81	19·46	26·27	
UMBALLA.	Jagádhri ...	5·61	33·93	6·00	2·31	6·00	23·14	29·14	*Condition of crops.*—Reaping of maize and sowing of gram crops in progress. Land is being prepared for wheat sowing. Health of people generally good. Fodder and water sufficient.
	Umballa ...	3·93	29·32	5·47	3·73	9·46	21·21	30·67	
	Naráingarh ...	4·77	32·63	5·23	2·96	5·63	27·73	33·36	
	Kharar ...	4·72	26·43	3·97	4·30	7·51	20·60	28·11	
	Rúpar ...	4·84	23·52	4·15	4·95	7·84	24·90	32·74	
	Dádúpur (*c*) ...	...	...	...	8·30	6·50	34·10	40·60	
PATIALA STATE.	Kotra (*c*) ...	...	...	...	0·53	1·07	11·36	12·43	
	Jodhpur (*c*) ...	...	...	...	1·94	1·62	7·66	9·28	
	Ràniki (*c*) ...	...	...	...	0·55	3·55	12·40	15·95	
	Lehal (*c*) ...	...	...	...	2·66	2·49	16·33	18·82	
	Gujrán (*c*) ...	...	...	...	1·57	3·00	19·32	22·32	
	Barthála (*c*) ...	...	...	...	0·99	4·18	18·20	22·38	
NABHA STATE.	Dadahur (*c*) ...	...	...	...	3·20	4·00	15·05	19·05	
	Bundher (*c*) ...	...	...	...	2·08	2·16	9·48	11·64	
SIMLA.	Kasauli ...	7·95	53·63	8·80	4·47	6·25	42·15	48·40	Health of people good. Kharif crops in good condition. Indian corn and rice being cut and outturn good. Health of people good.
	Bharauli ...	7·96	43·22	5·60	3·29	5·76	37·68	43·44	
	Simla ...	8·42	55·80	5·38	2·72	6·84	43·04	49·88	
	Kot Khái ...	10·88	41·21	4·62	0·22	5·12	20·99	26·11	
	Kotgarh ...	11·96	47·22	6·05	1·20	5·82	25·30	31·12	
	Kilba ...	Statement		not received.					
KANGRA.	Jách ...	11·20	32·09	3·70	1·50	8·31	24·83	33·14	The rainfall was sufficient during the month. The rice and maize crops are being harvested and the outturn is expected to be good. The sharp showers of rain towards the end of the month did some injury to the cotton, másh and kulth crops. The prices of food grains are stationary. The health of the public continues good.
	Kulu ...	17·46	29·62	4·41	0·48	10·44	17·24	27·68	
	Nagar ...	13·10	24·94	4·04	1·00	10·20	17·69	27·89	
	Pálampur ...	17·35	85·23	10·30	9·95	8·20	98·71	106·91	
	Hamírpur ...	8·82	41·12	5·80	0·41	6·92	49·94	56·86	
	Dera ...	9·24	45·67	6·22	5·75	5·02	48·33	53·35	
	Kángra ...	9·99	60·75	7·68	4·36	6·10	67·60	73·70	
	Dharmsala ...	15·66	104·64	11·78	5·93	11·81	106·94	118·75	
	Núrpur ...	12·79	53·08	7·17	7·61	5·56	53·69	59·25	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1898—(CONTINUED)

Explanation :— (*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
HOSHIÁRPUR.	Dasúya ...	6·14	26·75	3·76	3·89	6·38	30·58	36·06	The rains during the month have been beneficial to the standing crops, and have also been good for rabi sowings. Maize crop has generally been cut. Rice crop is being cut. General condition of the crops is good. Fodder is sufficient. Health of the people is good.
	Una ...	5·12	28·76	4·04	4·44	6·51	24·19	30·80	
	Garhshankar ...	5·24	25·53	4·33	3·19	7·78	17·11	24·89	
	Sadr Station ...	6·06	28·36	4·87	6·17	6·17	32·59	38·76	
	Hoshiárpur ...	...	...	...	5·65	6·09	30·85	36·94	
JULLUNDUR.	Jullundur ...	4·53	23·50	4·36	2·33	4·19	16·87	21·06	The crop prospects are very good. Rabi ploughings extensive. Fodder sufficient. Health good.
	Nakodar ...	3·28	22·44	3·55	5·53	5·64	22·69	28·33	
	Phillour ...	3·66	20·04	3·53	5·15	4·88	19·88	24·76	
	Nawashahr ...	4·66	21·94	3·97	3·42	6·71	21·73	28·44	
LUDHIÁNA.	Samrála ...	3·51	23·76	3·89	1·57	4·65	13·30	17·05	The standing crops were mostly benefited by the rainfall shown in this return, but the Junele villages are still reported to be in a bad condition. Health of the people is good. Fodder and grain stocks are abundant in every part of the district. Prices have fallen.
	Ludhiána ...	4·15	22·45	4·36	2·52	4·16	18·39	22·55	
	Jagraon ...	2·44	16·91	2·97	1·65	4·82	19·10	23·92	
FEROZEPORE.	Moga ...	2·14	14·25	2·63	1·55	4·92	12·25	17·17	The condition of the standing kharif crops is below average for want of sufficient rain. Kharif prospects are not as good as were anticipated. More rain urgently wanted. Rabi ploughings commenced during the month. Locusts appeared in certain parts of the district during the month, but caused no damage. Stocks of food grains and fodder sufficient. The inundation canals of the district have been working well.
	Zíra ...	2·47	17·48	2·72	2·41	5·22	11·61	16·83	
	Ferozepore Sadr ...	2·67	15·38	2·65	1·65	4·79	13·00	17·79	
	Ferozepore City ...	...	...	...	1·30	5·80	11·06	16·86	
	Muktsar ...	1·15	9·67	2·31	0·39	2·83	6·96	9·79	
	Fázilka ...	...	...	...	0·12	2·13	7·10	9·23	
	Nathána ...	...	...	...	0·87	2·46	8·96	11·42	
	Jalalabad ...	...	...	...	0·23	1·90	8·53	10·43	
	Gobindgarh (*c*) ...	...	...	...	0·60	1·40	4·70	6·10	
	Phidda (*c*) ...	...	...	...	0·40	2·00	4·30	6·30	
MOOLTAN.	Mailsi ...	0·72	3·47	0·46	0·58	2·18	2·64	4·82	Kharif crops in good condition. Rabi sowings in progress. Supply of water fairly good; it began to fail in some canals towards the end of month.
	Lodhrán ...	0·91	3·62	0·41	0·80	2·54	1·70	4·24	
	Shujabad ...	0·93	4·44	1·23	1·50	2·04	1·63	3·67	
	Mooltan ...	1·17	4·72	0·69	0·42	1·88	2·12	4·00	
	Kabírwála ...	1·12	4·85	0·69	0·98	1·75	5·26	7·01	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1898—(CONTINUED).

Explanation: – (*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
District	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
JHANG.	Shorkot ...	1.65	7.10	0.78	1.46	2.27	7.06	9.33	Condition of crops good. Canals flowing. No floods occurred in the river. Health of the people good.
	Jhang ...	1.79	6.83	0.64	0.63	2.20	3.81	6.01	
	Chiniot ...	1.97	9.37	0.90	1.19	3.54	9.87	13.41	
	Lyallpur ...	...	...	...	2.04	2.50	11.00	13.50	
	Badwáli (*c*) ...	...	...	...	0.20	2.90	6.50	9.40	
	Tarkhani (*c*) ...	...	...	...	0.30	2.35	5.01	7.36	
	Murídwála (*c*) ...	...	...	...	0.40	3.19	2.40	5.59	
	Khewra (*c*) ...	...	...	...	0.50	2.70	3.75	6.45	
	Laklani (*c*) ...	...	...	...	0.60	2.60	2.25	4.85	
	Lyallpur (*c*) ...	...	...	...	1.90	3.50	10.70	14.20	
MONTGOMERY.	Gugera ...	1.46	6.76	0.97	2.33	3.02	7.54	10.56	Condition of standing crops is above average owing to the rainfall during the month under report. Food grains sufficient. Health of people good. No water in the Ravi Canal; a little in the Upper Sutlej Canals.
	Montgomery ...	1.68	9.08	1.00	1.32	1.61	3.55	5.16	
	Pákpattan ...	1.18	7.20	1.30	1.60	0.87	4.10	4.97	
	Dipálpur ...	1.44	6.57	1.19	1.08	2.89	5.63	8.52	
	Sandyániwála (*c*) ...	...	...	...	...	...	...	...	
LAHORE.	Van (*c*) ...	2.64	13.51	2.27	...	4.76	10.17	14.87	Báráni crops have been totally damaged throughout the district for want of sufficient rain. Cháhi crops are below average, and Nahri average. There were no river floods at all during the season, therefore the prospects of tracts dependent on floods are gloomy. Damages to crops by small insects reported from parts of Tahsil Sharakpur.
	Chunián ...	1.66	14.02	2.30	0.50	4.17	7.18	11.35	
	Kasúr ...	1.70	10.75	1.87	0.32	4.81	8.34	13.15	
	Pambe (*c*) ...	2.48	14.59	2.61	...	4.90	11.70	16.60	
	Sharakpur ...	1.79	9.70	1.63	1.45	4.04	15.45	19.49	
	Niáz Beg (*c*) ...	3.72	17.10	2.91	0.30	3.88	15.70	10.58	
	Lahore ...	3.07	14.73	2.44	0.61	5.62	12.76	18.38	
	Meean Meer (*c*) ...	4.39	18.79	2.80	1.30	5.80	21.69	27.49	
	Manihála (*c*) ...	2.82	16.16	3.06	1.25	4.05	11.05	15.10	
	Dafthu (*c*) ...	...	...	...	...	3.30	9.90	13.20	
	Nijábat (*c*) ...	...	...	...	0.15	2.24	4.18	6.42	
AMRITSAR.	Buchar (*c*) ...	4.06	17.83	3.15	3.15	5.93	18.00	23.03	The crops are in good condition. Rice crops are being cut and harvested. Cotton is also being picked. Ploughing for rabi harvest is going on. Health of people good. Fodder sufficient. Prices falling.
	Khara (*c*) ...	2.38	14.04	2.04	1.82	5.48	10.36	15.84	
	Tarn Táran ...	3.51	19.44	2.86	1.60	5.42	16.22	21.64	
	Raya (*c*) ...	4.50	20.37	2.07	2.11	4.44	17.31	21.78	
	Jail Hospital (Amritsar).	4.52	21.33	3.58	0.32	5.54	18.08	23.62	
	Amritsar (*c*) ...	...	...	...	1.10	6.40	14.87	21.27	
	Buggeh (*c*) ...	3.95	18.08	2.28	0.45	8.10	17.02	25.12	
	Ajnála ...	3.09	15.62	1.97	0.88	6.13	18.63	24.76	
GURDASPUR.	Aliwál (*c*) ...	4.00	19.99	2.74	1.90	4.58	27.40	31.98	Condition of standing crops good. Health of people good.
	Batála ...	5.53	25.23	3.82	3.11	4.33	27.14	31.47	
	Tibri (*c*) ...	5.77	24.44	3.97	7.30	6.20	23.55	29.75	
	Gurdaspur ...	5.43	25.52	3.41	7.95	7.35	31.17	38.52	
	Pathánkot ...	8.15	40.44	5.73	5.86	6.91	36.32	43.23	
	Dalhousie ...	13.32	66.34	7.25	4.81	13.34	55.78	69.12	
	Mádhopur (*c*) ...	10.62	40.02	4.32	5.00	6.40	35.15	41.55	
	Shakargarh ...	0.92	30.92	4.16	5.71	6.04	28.36	34.40	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1898—CONTINUED.

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1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
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SIÁLKOT.	Zafarwál ...	5·70	24·16	2·55	2·06	5·22	29·80	35·02	There has been good rain during the month and it was well distributed over the district. The kharif crops are in good condition with the exception of maize, which has suffered in parts owing to heavy rain. Minor crops being harvested and the outturn is below average. Ploughings for rabi are continued and sowings are in progress. Health of people good.
	Pasrúr ...	5·85	24·93	3·35	4·72	5·56	23·54	29·10	
	Raya ...	4·03	17·38	2·04	2·51	6·19	21·57	27·76	
	Daska ..	4·94	20·31	2·21	2·46	6·76	20·26	27·02	
	Siálkot ...	5·87	28·62	3·05	5·65	5·89	25·42	31·31	
GUJRAT.	**Gujrat (Sadr)** ...	6·52	10·83	2·73	2·98	6·12	17·67	23·80	Good rain which fell throughout the district benefited the standing kharif crops and produced moisture for rabi sowings. Kharif crops have ripened. Rabi sowings commenced. The rainfall of the 28th September was accompanied by hail, which damaged the crops of certain villages. Fodder procurable. Hardship is, however, anticipated for the zamíndárs of the tracts affected by hail, where the stalks of the standing crops have been spoiled. Grain easily procurable. Stock of grain exists with the sáhúkárs and certain zamíndárs. Prices falling.
	Khárián ...	6·35	21·66	3·17	2·86	5·85	19·05	24·90	
	Phália ...	4·65	15·04	2·08	2·59	4·24	11·65	15·89	
GUJRANWALA.	Rámnagar ...	3·02	18·40	2·40	0·60	5·84	11·26	17·10	Condition of crops in places favoured with rainfall is good; in other places average. Health of people generally good. Prices of food grain stationary. Fodder and stock of food-grain sufficient.
	Wazírabad ...	4·57	16·02	2·22	2·42	5·86	15·80	21·66	
	Sadr Kacheri (Gujranwala).	4·86	18·43	2·31	2·83	4·68	17·59	22·27	
	Shekhupura ...	2·14	10·37	1·69	0·60	5·47	11·62	17·09	
	Háfizabad ...	3·79	14·43	2·03	1·41	6·86	14·31	21·17	
	Khángah Dográn ...	...	...	...	1·20	6·76	14·51	21·27	
	Rámpur ...	...	...	...	...	5·00	7·90	12·90	
	Pacca Dalla (c) ...	...	...	...	...	4·10	8·15	12·25	
	Firoz (c) ...	...	...	...	...	3·86	10·05	13·91	
SHAHPUR.	Midh ...	3·88	11·03	1·20	0·50	4·00	15·32	19·32	Crops everywhere suffering from want of rain except in parts of the Salt Range. Canal irrigation has also largely failed. Fodder is becoming scarce. Health of people good.
	Sáhiwál ...	2·88	9·15	0·79	0·53	2·50	8·17	10·67	
	Núrpur ...	1·96	4·53	0·27	0·60	2·65	7·77	10·42	
	Mitha Tiwána ...	2·48	7·14	0·95	...	1·25	7·25	8·50	
	Sakesar ...	0·97	11·32	2·05	2·35	9·73	18·40	28·13	
	Naushahra ...	4·10	11·62	1·28	1·39	4·51	13·60	18·11	
	Khusháb ...	2·47	7·97	1·35	0·41	3·49	11·46	14·95	
	Shahpur ...	3·58	11·04	1·81	1·25	3·85	11·50	15·35	
	Bhera ...	3·61	11·36	1·39	1·65	4·92	9·95	14·87	
	Miáni ...	4·72	10·99	1·62	1·03	4·20	9·44	13·64	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1898—CONTINUED.

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
JHELUM.	Pind Dádan Khan ...	4.18	12.00	1.91	1.37	5.25	11.93	17.18	The condition of kharíf crops is good except that of Pind Dádan Khan Tahsíl. Harvesting of kharíf crops commenced. Sowing of gram and mustard have commenced. Land is being prepared for wheat. In four villages of Tahsíl Jhelum kharíf crops have been destroyed by hail. The stock of grain is sufficient and the rate is falling daily. Fodder sufficient. Health of people good. No inundation in the river.
	Jhelum (Sadr) ...	**5.49**	**16.35**	**2.24**	**3.85**	**7.33**	**21.73**	**29.06**	
	Chakwál ...	4.23	11.30	1.81	3.18	5.66	13.02	18.68	
	Talagang ...	4.82	13.50	2.35	1.72	4.25	16.56	20.81	
RAWALPINDI.	Pindigheb ...	5.01	13.14	1.53	4.63	5.55	15.11	20.66	Kharíf prospects average. Hail fell in Pindigheb Tahsíl, but no damage done.
	Fatahjang ...	6.99	15.34	2.04	6.72	6.95	17.27	24.22	
	Attock ...	6.51	11.91	2.69	8.56	7.42	21.52	28.94	
	Rawalpindi ...	**8.87**	**22.32**	**3.51**	**8.87**	**6.63**	**23.01**	**29.64**	
	Gujar Khan ...	7.53	22.66	4.07	5.85	6.13	23.63	29.76	
	Kahúta ...	8.69	28.31	3.61	5.80	6.54	30.18	36.72	
	Murree ...	9.53	39.21	4.97	8.28	12.93	52.c5	64.98	
HAZARA.	**Abbott-abad** ...	**14.82**	**30.02**	**3.19**	**6.57**	**13.63**	**36.03**	**49.66**	*Rainfall.*—Good. Water in irrigation channels sufficient. *Makki crops.*—Flourishing in the Harípur Tahsíl. Cut in the Mansehra and Abbott-abad Tahsíls. *Fodder and grain stocks.*—Sufficient. *Prices.*—Falling.
	Mánsahra ...	14.87	21.80	2.46	6.33	11.16	29.00	40.16	
	Haripur ...	11.24	18.51	2.88	6.41	6.22	22.24	28.46	
PESHAWAR.	Swábi ...	5.88	9.35	1.02	6.91	8.67	19.16	27.83	Rabi ploughings are in progress. Wheat, barley, masúr and shaftal are being sown on some tracts in the Peshávar Tahsíl. Sarshaf and tarámíra have been abundantly sown in the Swábi Tahsíl after the recent heavy rains. The condition of standing crops on irrigated lands is good and that of those on unirrigated areas in Tahsíls Mardán and Swábi is also good owing to copious rainfall, but in other tahsíls it is below average. Cotton is being picked; outturn average. Stock of food-grains and fodder sufficient. Prices of food-grains are falling. Water in the rivers is gradually diminishing. There was sufficient water in the canals of the district.
	Lahor (Utman Bolak)	6.01	10.61	1.88	3.90	5.86	16.55	22.41	
	Nowshera ...	6.15	7.94	0.97	0.62	6.68	6.50	13.18	
	Mardán ...	6.66	10.90	2.04	4.09	7.31	13.00	20.31	
	Katlang ...	5.27	8.67	0.92	1.60	3.99	9.95	13.94	
	Chársada ...	5.17	5.73	1.06	0.96	5.76	5.48	11.24	
	Nabakki ...	5.95	6.24	0.47	0.41	6.22	1.19	7.41	
	Peshawar ...	**5.42**	**6.65**	**0.82**	**1.06**	**5.77**	**7.13**	**12.90**	
	Abazai (*c*) ...	...	...	...	0.35	5.35	5.75	11.10	
	Khán Máhi (*c*) ...	...	...	...	1.00	3.20	5.70	8.90	
	Pára Chinár (Kurram)	...	...	...	3.97	9.47	18.37	27.84	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1898—(CONTINUED).

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
KOHÁT.	Kohát ...	6·31	11·99	1·49	1·27	5·94	8·87	14·81	Rice crop has been cut and harvested, and the yield is reported to be good (*i. e.*, about 20-anna crop). Owing to a fall of rain at the beginning as well as at the end of the month under report, the condition of crops on irrigated lands is good, while that on the unirrigated lands (including crops in the Teri Tahsíl) is about average. In some villages, however, the crops on unirrigated lands have failed for want of timely rain. The people of the village of Chichinna have migrated with their cattle to other villages for want of grass and other fodder in that village. There is sufficient water in the Toi. Hail fell in two villages of the Hangu Tahsíl, but owing to the crops having been mostly cut, no appreciable damage was done. The stocks of food-grain are large with the traders owing to the presence of the Commissariat Department. Those with the zamíndárs of the Thal and Darra Circles of the Teri Tahsíl are also large. The condition of the zamíndárs of the irrigated villages is good, while that of unirrigated villages is about average. Fodder for cattle is procurable in the district, but it is dear.
	Hangu ...	...	...	...	3·07	6·99	19·10	26·09	
	Thal ...	...	...	...	...	7·12	11·07	18·19	
	Banda Daud Shah ...	...	...	...	0·33	5·24	17·75	22·99	
	Khushálgarh ...	...	...	...	...	0·13	3·62	3·75	
	Fort Lockhart ...	...	...	...	2·06	...	7·29	7·29	
BANNU.	Miánwáli ...	2·50	7·85	1·08	1·00	4·16	12·43	16·59	Kharíf crops on irrigated area are average, on unirrigated have generally withered for want of rain. Ploughings for rabi crops have commenced in the Miánwáli and Marwat Tahsíls. Stock of food grains and fodder sufficient. Prices somewhat falling. Health of people good. Water in canals and irrigation cuts sufficient.
	Isá Khel ...	2·79	5·63	0·86	0·34	4·81	6·08	10·89	
	Bannu ...	3·28	8·02	0·66	0·33	4·46	8·03	12·49	
	Marwat ...	3·31	7·43	0·40	0·80	3·34	11·60	14·94	
DERA ISMAIL KHAN.	Tánk ...	Statement not received.							
	Kuláchi ...								
	Dera Ismail Khan ...								
	Bhakkar ...								
	Leiah ...								
	Shekh Budín ...								

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF SEPTEMBER 1898—(CONCLUDED).

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Dera Ghazi Khan.	Sanghar ...	1·40	5·46	0·22	0·20	1·69	7·80	9·49	Health of people good. Crops have suffered severely from want of rain. Canals have been running well. Fodder and grain-stocks sufficient.
	Dera Ghazi Khan...	1·99	6·55	0·62	3·67	1·25	6·73	7·98	
	Fort Munro ...	0·75	9·96	0·78	...	1·23	4·64	5·87	
	Jámpur ...	0·88	4·33	0·28	0·11	1·17	1·02	2·19	
	Rájanpur ...	0·52	3·05	0·17	1·22	0·84	3·25	4·09	
Muzaffargarh.	Alípur ...	1·00	7·23	0·36	1·28	2·05	2·00	4·05	Condition of kharíf crops average. Rice crop bad for want of water from the canals in time. Fodder and grain sufficient.
	Muzaffargarh ...	1·06	4·64	0·75	1·05	1·86	3·18	5·04	Condition of kharíf crops average. Health of people good. Fodder and grain sufficient. Chenab Canals do not supply water. The canals from Indus supply small quantities of water.
	Sinánwán ...	1·48	6·18	0·52	0·07	1·29	3·79	5·08	Condition of kharíf crops average. Fodder and grain sufficient.

Memo. of Errors.

February 1898.

Against Chakwál (Jhelum District) in columns 6, 7 and 9 *read* 3·50, 5·54 and 5·54 *for* 3·70, 5·74 and 5·74 respectively.

March 1898.

Against Chakwál (Jhelum District) in columns 7 and 9 *read* 5·66 *for* 5·86.

April 1898.

Against Chakwál (Jhelum District) in columns 7 and 9 *read* 5·66 *for* 5·86.

May 1898.

Against Chakwál (Jhelum District) in columns 7 and 9 *read* 5·66 and 6·97 *for* 5·86 and 7·27 respectively.

June 1898.

Against Chakwál (Jhelum District) in columns 7 and 9 *read* 5·66 and 7·25 *for* 5·86 and 7·45 respectively.

July 1898.

Against Chakwál (Jhelum District) in columns 7 and 9 *read* 5·66 and 12·34 *for* 5·86 and 12·54 respectively.

August 1898.

Against Chakwál (Jhelum District) in columns 7 and 9 *read* 5·66 and 15·50 *for* 5·86 and 15·70 respectively.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of August 1898 as compared with the same month of the previous year.

	STAPLES.	Total 1898.	Total 1897.	Increase.	Decrease.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
I	COAL AND COKE CARRIED FOR THE PUBLIC AND FOREIGN RAILWAYS	866	1,827	...	961	
II	COTTON, RAW—					
	(1) Full pressed	456	1,073	...	617	
	(2) Intermediate and half pressed ...	8	1	7	...	
	(3) Unpressed	210	294	...	84	
III	COTTON, MANUFACTURED—					
	(1) Twist and Yarn, European ...	174	96	78	...	
	(2) Twist and Yarn, Indian ...	753	565	188	...	
	(3) Piece-goods, European ...	996	701	295	...	
	(4) Piece-goods, Indian	723	945	...	222	
IV	DRUGS AND CHEMICALS—					
	(1) Intoxicating other than opium ...	4	2	2	...	
	(2) Non-intoxicating—					
	(a) Cinchona bark	...	...	...	...	
	(b) Others	10	4	6	...	
V	DYES AND TANS—					
	(1) Indigo	13	12	1	...	
	(2) Myrabolams	20	11	9	...	
	(3) Cutch	7	2	5	...	
	(4) Turmeric	87	39	48	...	
	(5) Aniline dyes	86	50	36	...	
	(6) Others	120	78	42	...	
VI	GRAIN AND PULSE—					
	(1) Wheat	8,848	19,762	...	10,914	
	(2) Rice in the husk	70	216	...	146	
	(3) Rice not in the husk	1,359	926	433	...	
	(4) Jowár and Bájra	8,654	1,873	6,781	...	
	(5) Gram and Pulse	6,096	3,740	3,256	...	
	(6) Others	6,600	9,553	...	2,953	
VII	HIDES AND SKINS—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	116	110	6	...	
	(b) Raw	155	234	...	79	
	(2) Skins of sheep, &c.—					
	(a) Dressed or tanned ...	66	32	34	...	
	(b) Raw	158	151	7	...	
VIII	HORNS	9	19	...	10	
IX	JUTE—					
	(1) Raw	29	10	19	...	
	(2) Gunny bags and cloth	897	769	128	...	
X	LAC—					
	(1) Stick	3	19	...	16	
	(2) Shell	18	1	17	—	
XI	LEATHER, MANUFACTURED	37	19	18	...	
XII	LIQUORS—					
	(1) Beer	149	127	22	...	
	(2) Spirits	42	1	41	...	
	(3) Wines	35	28	7	...	
XIII	METALS—					
	(1) Copper, unwrought	104	40	64	...	
	(2) Brass, unwrought	234	127	107	...	
	(3) Copper, wrought	15	48	...	33	
	(4) Brass, wrought	145	112	33	...	
	(5) Iron	1,509	1,333	176	...	
	(6) Others	103	185	...	82	
XIV	OILS—					
	(1) Kerosene	395	488	...	93	
	(2) Castor	32	41	...	9	
	(3) Cocoanut	24	23	1	...	
	(4) Others	111	150	...	39	

	Staples.	Total 1898.	Total 1897.	Increase.	Decrease.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
XV	Oil-seeds—					
	(1) Linseed	306	222	84	...	
	(2) Rape and Mustard	4,000	4,209	...	209	
	(3) Til or Jinjili	117	99	18	...	
	(4) Poppy	327	135	192	...	
	(5) Earthnuts	8	1	7	...	
	(6) Castor	309	256	53	...	
	(7) Others	1,746	1,213	533	...	
XVI	Opium	213	163	50	...	
XVII	Paper and Paste-board	60	66	...	6	
XVIII	Provisions—					
	(1) Ghi	333	431	...	98	
	(2) Dried Fruits and Nuts ...	218	292	...	74	
	(3) Others	488	600	...	112	
XIX	Railway Plant and Rolling Stock carried for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders and parts thereof	142	387	...	245	
	(2) Carriages and trucks and parts thereof	434	14	420	...	
	(3) Materials—					
	(a) Steel rails and fish-plates ...	4,886	142	4,744	...	
	(b) Sleepers and keys of steel and cast-iron	1,640	794	846	...	
	(c) Other sorts	1,098	1,389	...	291	
XX	Salt	9,851	11,085	...	1,234	
XXI	Saltpetre, &c.—					
	(1) Saltpetre	338	181	157	...	
	(2) Other saline substances ...	79	62	17	...	
XXII	Silk, Raw—					
	(1) Foreign	25	16	9	...	
	(2) Indian	...	...	...	...	
XXIII	Silk Piece-Goods—					
	(1) Foreign	7	...	7	...	
	(2) Indian	3	1	2	...	
XXIV	Spices—					
	(1) Betelnuts	25	24	1	...	
	(2) Pepper	15	10	5	...	
	(3) Ginger	21	8	13	...	
	(4) Chillies	123	53	70	...	
	(5) Cardamoms	13	10	3	...	
	(6) Others	431	90	341	...	
XXV	Stone and Lime	1,816	1,830	...	14	
XXVI	Sugar—					
	(1) Refined or crystallized, including sugarcandy.	2,511	2,235	276	...	
	(2) Unrefined, *viz.*, molasses and jaggery or gur and other saccharine produce.	1,902	1,293	609	...	
XXVII	Tea—					
	(1) Foreign	20	3	17	...	
	(2) Indian	23	16	7	...	
XXVIII	Timber	629	776	...	147	
XXIX	Tobacco—					
	(1) Unmanufactured	1,108	740	368	...	
	(2) Manufactured—					
	(a) Cigars	11	5	6	...	
	(b) Other sorts	28	65	...	37	
XXX	Wool, Raw	172	49	123	...	
XXXI	Wool, Manufactured—					
	(1) Piece-goods, European ...	56	4	52	...	
	(2) Piece-goods, Indian	30	6	24	...	
	(3) Shawls	...	5	...	5	
XXXII	All other articles of merchandise—					
	(1) Firewood	391	436	...	45	
	(2) Hay and Grass	7	75	...	68	
	(3) Mowra flowers and seeds ...	98	99	...	1	
	(4) Others	8,771	7,344	1,427	...	
	Total ...	86,275	82,771	22,348	18,844	
	Net Increase ...	...	...	3,504	...	

Traffic Audit Office,
Ajmere:
The 30th September 1898.

A. WARREN JONES,
Acting Chief Auditor and Accountant.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 24th September 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other Earnings (estimated).	Total Earnings.	Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	14,778	14,409 4 0 [b]	70,484 30	11,463 0 0	56 0 0	25,928 4 0	7,239	3,010	10,249
Or per mile of Railway	...	88 13 0	...	70 10 6	0 5 6	159 13 0	...	...	...
For previous 11 2/7 weeks of half-year	*197,119	*1,64,507 12 0	†614,767 30	†89,347 5 0	‡607 0 0	2,54,462 1 0	79,604	32,425	112,029
Total for 12 2/7 weeks ...	211,897	1,78,917 0 0	685,252 20	1,00,810 5 0	663 0 0	2,80,390 5 0	86,843	35,435	122,278
COMPARISON.									
Total for corresponding week of previous year ...	12,775½	19,761 0 8	76,251 30	10,695 4 0	154 8 0	30,610 12 8	7,594	4,590	12,184
Per mile of Railway corresponding week of previous year.	...	121 12 10	...	65 14 9	0 15 3	188 10 10	...	...	...
Total for corresponding 12 2/7 weeks of previous year ...	207,230½	2,47,315 12 10	990,541 10	1,45,278 7 10	1,162 5 9	3,93,786 10 5	99,485	52,073	151,558

b The decrease is due to the running of troop extra trains and despatch of Commissariat stores to the frontier in the corresponding period of 1897.

* Added No. of passengers 74 and deducted Rs. 805 }
† Deducted Mds. 24,647 and " 144 } on account of difference between the Approximate and Audited figures for the week ended 20th August 1898.
‡ Added " 14 }

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 29th September 1898.

T. BASHFORD,
Acting Chief Auditor.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 24TH SEPTEMBER 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar	Hissar	16,854	5	6	11	4	3	1	...	...	...	1	1	...	2	1	...	1	34	12	1
2		Hansi	15,190	7	10	17	7	3	4	...	...	...	2	...	...	5	3	4	7	58	24	2
3		Bhiwani	35,487	19	22	41	32	20	12	...	...	...	17	...	...	15	8	3	11	60	47	3
4		Sirsa	16,415	9	8	17	5	4	1	...	...	...	1	1	...	3	1	1	2	54	16	4
5	Rohtak	Rohtak	16,191	13	12	25	8	4	4	...	...	...	5	1	...	2	1	2	3	81	26	5
6		Jhajjar	11,88[illegible]	7	8	15	6	3	3		...	...	2	...	...	4	1	1	2	66	26	6
7	Gurgaon	Rewari	27,934	16	14	30	13	7	6		...	...	6	1	...	6	4	2	6	56	24	7
8		Palwal	11,227	17	10	27	12	3	9		...	...	9	...	...	3	1	3	4	125	56	8
9	Delhi	Delhi	189,648	126	123	249	119	48	71		...	...	76	3	1	39	21	15	36	68	33	9
10		Sonepat	12,611	10	9	19	8	3	5		...	...	5	1	...	2	2	1	3	79	33	10
11	Karnal	Karnal	21,53[illegible]	10	16	26	12	5	7		...	...	7	...	1	4	3	3	6	63	29	11
12		Kaithal	15,768	15	18	33	17	11	6	...	...	...	5	1	...	11	5	2	7	109	56	12
13		Panipat	27,547	20	12	32	21	9	12			...	9	2	1	9	3	5	8	61	40	13
14		Shahabad	11,473	3	5	8	5	3	2	...	...	...	3	1	...	1	...	2	2	36	23	14
15	Umballa	Umballa	26,856	11	9	20	25	8	17	...	...	...	7	3	...	15	2	6	8	39	49	15
16		Jagadhri	13,029	5	3	8	8	4	4		...	...	2	...	...	6	2	1	3	32	32	16
17		Sadhaura	10,445	2	2	4	3	1	2	...	...	...	3	...	...	...	1	...	1	20	15	17
18	Hoshiarpur	Hoshiarpur	17,546	12	7	19	18	11	7	...	...	...	6	4	1	7	6	3	9	56	53	18
19		Tanda and Urmar	11,632	...	3	3	4	3	1	...	...	...	2	1	...	1	2	...	2	13	18	19
20	Jullundur	Jullundur	50,375	28	24	52	52	27	25	...	...	...	22	7	...	23	8	10	18	54	54	20
21		Rahon	10,667	4	4	8	5	3	2	...	...	...	3	2	...	...	1	1	2	39	24	21
22		Kartarpur	10,441	2	5	7	13	7	6	...	...	...	6	4	...	3	1	...	1	35	65	22
23	Ludhiana	Ludhiana	46,024	21	16	37	32	14	18	...	...	...	14	2	...	16	5	5	10	42	36	23
24		Jagraon	18,116	5	9	14	10	4	6	...	...	...	3	1	...	6	1	4	5	40	29	24
25	Ferozepore	Ferozepore	25,337	12	6	18	10	7	3	...	...	...	3	1	...	6	1	1	2	37	21	25
26	Mooltan	Mooltan	64,265	30	43	73	38	19	19	...	...	...	14	12	...	12	10	9	19	59	31	26
27	Jhang	Maghiana	13,866	14	3	17	9	7	2	...	...	...	5	2	...	2	3	...	3	64	34	27
28		Chiniot	13,476	6	7	13	11	5	6	...	...	...	2	...	...	o	3	3	6	50	43	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	71	65	136	119	64	55	...	...	..	79	8	1	31	17	12	29	44	39	29
30	Lahore ...	Kasur ...	20,290	14	6	20	15	9	6	...	...	...	5	1	2	7	2	3	5	51	39	30
31	Lahore ...	Chunian ...	10,339	9	3	12	7	5	2	...	...	...	...	1	...	6	2	2	4	61	35	31
32	Amritsar ...	Amritsar ...	135,401	59	47	106	115	50	65	...	...	...	84	10	...	21	2	7	9	41	44	32
33	Gurdaspur ...	Batala ...	27,223	13	12	25	21	9	12	...	...	...	17	1	...	3	2	2	4	48	40	33
34	Sialkot ...	Sialkot ...	33,965	19	21	40	39	23	16	...	...	...	20	5	...	14	8	4	12	61	60	34
35	Gujrat ...	Gujrat ...	17,671	5	6	11	18	10	8	...	...	...	12	1	1	4	4	5	9	32	53	35
36	Gujrat ...	Jalalpur ...	11,065	7	4	11	8	6	2	...	..	...	4	2	...	2	1	1	2	52	38	36
37	Gujranwala...	Gujranwala ...	25,892	8	14	22	19	12	7	...	...	...	11	2	1	5	1	1	2	44	38	37
38	Gujranwala...	Wazirabad ...	15,786	7	4	11	14	6	8	...	...	...	11	2	...	1	2	1	3	36	46	38
39	Shahpur ...	Bhera ...	17,428	11	10	21	12	7	5	...	...	...	7	1	...	4	3	...	3	63	36	39
40	Jhelum ...	Pind Dadan Khan	15,055	5	3	8	8	4	4	...	...	...	5	2	...	1	...	1	1	28	28	40
41	Rawalpindi...	Rawalpindi ...	38,334	16	11	27	19	13	6	...	...	...	11	1	...	7	1	1	2	37	26	41
42	Peshawar ...	Peshawar ...	63,079	14	22	36	28	17	11	...	..	...	16	2	1	9	3	3	6	30	23	42
43	Kohat ...	Kohat ...	14,347	6	5	11	7	4	3	...	...	...	3	1	...	3	1	...	1	40	25	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	9	4	13	19	7	12	...	...	...	10	4	...	5	3	2	5	31	46	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	4	5	9	14	7	7	...	...	...	7	...	...	7	2	3	5	20	31	45
	Grand Total	...	1,412,775	706	656	1,362	989	499	490	...	...	...	542	95	10	342	154	135	289	50	37	
	Hill Sanitaria.																					
	Simla ...	... ...	13,279	6	2	8	6	3	3	...	...	...	3	...	...	3	...	3	3	31	24	
	Dharmsala ...	... ...	2,778	...	2	2	2	...	2	...	...	...	...	2	...	...	...	...	...	38	[illegible]	
	Dalhousie ...	... ...	807	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	65	...	
	Murree ...	... ...	1,459	1	1	2	3	1	2	...	...	...	1	...	...	2	1	1	2	71	107	

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 11th October 1898.

C. J. BAMBER, Lieut.-Col., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 24TH SEPTEMBER 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 1,362 births were registered (706 males and 656 females), giving a birth-rate of 50 per *mille* of population; 989 deaths were re_stered (499 males and 490 females), giving a death-rate of 37 per *mille* of population.

C. J. BAMBER, LIEUT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 11th October 1898.

MORTUARY RETURN FOR

Deaths registered from different causes in each district of

No.	Districts	Population according to Census of 1891.	Births.	Deaths.	Birth-rate per *mille* per annum.	Death-rate per *mille* per annum.	Plague. Males.	Plague. Females.	Plague. Total.	Cholera. Males.	Cholera. Females.	Cholera. Total.	Small-pox. Children under one year. Males.	Small-pox. Children under one year. Females.	Small-pox. One to under 12 years. Males.	Small-pox. One to under 12 years. Females.	Small-pox. Twelve and over 12 years. Males.	Small-pox. Twelve and over 12 years. Females.	Total of Small-pox.	Fevers. Males.	Fevers. Females.	Fevers. Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	775,808	3,414	1,852	52	28	...	...	...	...	...	...	1	...	3	4	...	2	10	640	598	[illegible]
2	Rohtak ...	590,446	3,355	1,498	67	30	...	...	...	...	...	...	...	...	...	...	...	...	...	512	462	[illegible]
3	Gurgaon ...	668,863	4,04[illegible]	1,957	71	34	...	...	...	...	...	...	1	4	2	6	...	...	13	628	637	[illegible]
4	Delhi ...	635,224	3,165	1,709	59	32	...	...	...	...	...	...	...	...	1	1	...	...	2	422	464	[illegible]
5	Karnál ...	861,097	3,591	2,699	49	37	...	...	...	...	...	...	...	...	3	3	...	...	6	799	855	1,654
6	Umballa ...	804,84[illegible]	2,541	1,752	37	26	...	...	...	...	...	...	10	8	30	39	3	...	90	520	532	1,052
7	Simla ...	35,246	80	82	27	27	...	...	...	...	...	...	...	...	...	...	...	...	...	23	22	45
8	Kángra ...	759,458	2,693	2,318	42	3[illegible]	...	...	...	...	...	...	...	...	...	...	...	...	...	798	851	1,649
9	Hoshiárpur ...	1,011,644	3,301	2,[illegible]47	38	26	4[illegible]	6	117	...	...	...	...	3	2	4	...	...	9	560	654	1,214
10	Jullundur ...	891,347	2,966	2,070	39	27	5	5	10	...	...	...	...	3	...	...	...	...	3	478	555	1,033
11	Ludhiána ...	648,655	2,306	1,752	42	3[illegible]	...	...	...	...	...	...	2	...	4	2	...	...	8	540	560	1,100
12	Ferozepore ...	861,499	3,31[illegible]	1,977	45	27	...	...	...	...	...	...	3	5	8	11	3	4	34	553	548	1,101
13	Mooltan ...	620,859	1,810	,996	34	19	...	...	...	...	...	...	...	...	...	...	1	2	3	363	269	632
14	Jhang ...	436,821	1,671	1 208	45	33	...	...	...	...	...	...	...	...	...	...	...	...	...	419	358	777
15	Montgomery	499,449	1,725	704	41	17	...	...	...	...	...	...	1	5	8	8	1	3	26	161	126	287
16	Lahore ...	1,055,619	4,123	2,806	46	31	...	...	...	...	...	...	...	1	8	9	1	1	20	801	778	1,579
17	Amritsar ...	990,990	3,949	2,952	47	35	...	...	...	...	...	...	2	2	15	6	1	2	28	838	886	1,724
18	Gurdáspur ...	940,785	4,093	2,675	51	33	...	...	...	...	...	...	1	3	7	6	...	...	17	809	731	1,560
19	Siálkot ...	1,098,712	4,86[illegible]	3,139	52	34	...	...	...	...	...	...	6	4	7	13	2	1	33	913	1,013	1,926
20	Gujrát ...	760,823	2,84[illegible]	1,829	44	28	...	...	...	...	...	...	...	..		...	...	...	...	615	572	1,187
21	Gujránwála ...	690,061	3,73[illegible]	2,295	64	39	...	...	...	...	...	...	...	...	...	...	...	...	...	828	782	1,610
22	Shahpur ...	493,535	1,532	996	37	24	...	...	...	...	...	...	...	...	...	...	...	...	...	265	266	531
23	Jhelum ...	605,774	1,567	1,30[illegible]	30	25	...	...	...	...	...	...	...	...	...	...	...	...	...	437	425	862
24	Ráwalpindi ...	845,259	1,954	1,783	27	25	...	...	...	...	...	...	...	...	...	...	...	...	...	628	609	1,237
25	Hazára ...	476,125	1,203	795	30	20	...	...	...	..	...	...	...	..	2	2	...	...	4	257	254	511
26	Peshávar ...	679,183	1,709	1,274	30	22	...	...	...	...	...	...	...	1	1	2	...	...	4	610	455	1,065
27	Kohát ...	182,487	414	339	27	22	...	...	...	...	...	...	1	...	...	...	...	...	1	121	133	254
28	Bannu ...	369,972	72[illegible]	60[illegible]	23	19	...	...	...	...	...	...	...	...	...	...	...	...	...	246	244	[illegible]
29	D. I. Khan ...	482,463	6[illegible]7	734	17	18	...	...	...	...	...	..	...	...	5	3	...	2	10	277	279	[illegible]
30	D. G. Khan ...	399,860	941	859	28	25	...	...	...	...	...	...	...	...	...	1	...	1	2	378	328	[illegible]
31	Muzaffargarh	381,072	791	649	24	2[illegible]	...	...	...	...	...	...	1	...	...	1	1	...	3	258	258	[illegible]
	TOTAL ...	20,553,982	75,1[illegible]0	49,861	43	29	54	73	127	...	...	...	29	39	106	121	13	18	326	15,697	15,524	[illegible]
	Total in previous month...	...	55,354	45,334	32	26	128	193	321	...	...	...	58	50	230	218	16	32	604	14384	14,278	[illegible]
	Total in same month of past year ...	...	78,40[illegible]	41,344	45	2	...	...	...	81	69	150	113	101	188	163	48	62	675	11,956	11,963	[illegible]

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 12th October 1898.

THE MONTH OF AUGUST 1898.

the Punjab during the month of August 1898.

OF DEATH.

Dysentery and Diarrhœa.			Injuries. Suicide.			Injuries. Wounding.			Injuries. Accidents.			Injuries. Snake-bite and killed by wild beasts.			All other causes.			Total Deaths from all causes.			Districts.	No.
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	2	1
40	37	77	1	2	3	2	...	2	11	7	18	7	...	7	282	215	497	987	865	1,852	Hissar.	1
13	17	30	1	2	3	2	...	2	9	7	16	2	2	4	260	209	469	799	699	1,498	Rohtak.	2
46	43	89	1	2	3	...	...	...	11	16	27	4	2	6	330	224	554	1,023	934	1,957	Gurgaon.	3
36	30	66	...	4	4	...	...	...	7	9	16	6	5	11	408	316	724	880	829	1,709	Delhi.	4
36	24	60	1	3	4	1	...	1	14	10	24	5	2	7	481	462	943	1,340	1,359	2,699	Karnál.	5
32	22	54	...	...	...	...	1	1	8	6	14	5	3	8	253	280	533	861	891	1,752	Umballa.	6
7	4	11	...	...	...	...	1	1	...	...	...	...	...	...	16	9	25	46	36	82	Simla.	7
30	26	56	...	2	2	...	...	...	18	8	26	9	8	17	257	311	568	1,112	1,206	2,318	Kángra.	8
53	55	108	3	3	6	...	...	...	17	16	33	4	3	7	396	357	753	1,084	1,163	2,247	Hoshiárpur.	9
42	31	73	1	...	1	1	1	2	20	13	33	1	2	3	453	465	918	1,001	1,075	2,076	Jullundur.	10
17	18	35	1	...	1	3	2	5	16	7	23	1	...	1	293	286	579	877	875	1,752	Ludhiána.	11
45	33	78	2	1	3	3	1	4	16	10	26	1	4	5	379	347	726	1,013	964	1,977	Ferozepore.	12
15	14	29	...	...	...	...	1	1	14	14	28	18	6	24	149	130	279	560	436	996	Mooltan.	13
21	13	34	...	...	...	...	...	...	8	2	10	12	2	14	195	178	373	655	553	1,208	Jhang.	14
8	4	12	...	...	...	3	1	4	13	9	22	17	7	24	176	153	329	388	316	704	Montgomery.	15
34	27	61	1	2	3	...	1	1	30	11	41	23	4	27	556	518	1,074	1,45[illegible]	1,352	2,806	Lahore.	16
50	33	83	...	6	6	...	1	1	21	9	30	8	3	11	520	549	1,069	1,45[illegible]	1,497	2,952	Amritsar.	17
91	107	198	...	...	...	...	...	...	15	6	21	2	5	7	436	436	872	1,361	1,314	2,675	Gurdáspur.	18
69	24	93	...	...	...	...	...	...	25	23	48	11	1	12	545	482	1,027	1,578	1,561	3,139	Siálkot.	19
26	17	43	...	...	...	1	...	1	20	11	31	8	...	8	303	256	559	973	856	1,829	Gujrát.	20
15	8	23	...	...	...	...	...	...	20	14	34	34	5	39	307	282	589	1,204	1,091	2,295	Gujránwála.	21
29	29	58	...	...	...	4	...	4	13	7	20	11	3	14	202	167	369	524	472	996	Shahpur.	22
17	26	43	1	1	2	...	1	1	16	11	27	9	6	15	167	184	351	647	654	1,301	Jhelum.	23
9	9	18	1	...	1	5	...	5	22	14	36	17	7	24	237	225	462	919	864	1,783	Ráwalpindi.	24
1	...	1	...	...	...	2	...	2	13	10	23	1	...	1	130	123	253	406	389	795	Hazára.	25
7	6	13	...	...	...	7	1	8	8	6	14	1	...	1	96	73	169	730	544	1,274	Peshâwar.	26
3	1	4	...	...	...	8	...	8	2	...	2	3	...	3	36	31	67	174	165	339	Kohát.	27
7	8	15	...	...	...	5	3	8	3	6	9	1	1	2	41	43	84	303	305	608	Bannu.	28
20	22	42	1	1	2	3	...	3	5	2	7	7	1	8	55	51	106	373	361	734	D. I. Khan.	29
13	7	20	...	2	2	1	2	3	11	14	25	4	...	4	59	38	97	466	393	859	D. G. Khan.	30
4	5	9	...	...	...	1	...	1	8	9	17	10	5	15	52	36	88	335	314	649	Muzaffargarh.	31
836	701	1,53[illegible]	15	31	46	52	17	69	414	287	701	242	87	329	8,070	7,436	15,506	25,528	24,333	49,861	**Total.**	
557	497	1,05[illegible]	13	25	38	39	2[illegible]	6[illegible]	472	288	760	151	80	231	7,057	6,517	13,574	23,135	22,199	45,334	**Total in previous month.**	
853	607	1,460	16	13	29	58	8	66	467	315	782	190	56	246	7,280	6,737	14,017	21,250	20,094	41,344	**Total in same month of past year.**	

C. J. BAMBER, LT.-COL., I. M. S.,

Offg. Sanitary Commissioner, Punjab.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, OCTOBER 20, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 18th OCTOBER 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharff (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	..	1. Sufficient ... 2. Good.	Wheat 17 seers ... Bájra 18 seers. Gram 19 seers.	Crops withered throughout greater part of the district. Canal crops satisfactory.	Sowings commenced in canal-irrigated tracts.
2	Delhi ...	...	1. Getting scarce. 2. Fair.	Wheat 16½ seers Gram 19½ seers. Bájra 19 seers.	Reapings in progress. ...	...
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 19 seers... Gram 21 seers. Maize 28 seers.	Harvesting going on ...	Sowings in progress.
4	Jullundur ...	...	2. Good ...	Wheat 21 seers ... Gram 22½ seers. Barley 28 seers. Maize 27 seers.	Crops in good condition ...	Sowings commenced.
5	Ferozepore ...	...	1. Sufficient ... 2. Good.	Wheat 19 seers ... Gram 23 seers. Barley 30 seers. Jowár 26 seers. Bájra 20 seers. Maize 24 seers.	Harvesting going on ...	Ploughings continue.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharff (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	...	Wheat 17¼ seers	Crops in good condition. Water scanty in canals.	Sowings in progress.
7	Lahore ...	...	1. Sufficient ... 2. Fair.	Wheat 18 to 21 seers. Maize 24 seers.	Reaping of rice and picking of cotton crop in progress. Irrigation of standing crops in progress. Irrigated crops average and unirrigated crops have suffered for want of rain. Damage done to crops by insects in parts.	Ploughings and sowings continue.
8	Amritsar ...	...	1. Sufficient ...	Wheat 20½ seers Maize 31 seers.	Crops in good condition ...	Ploughings going on. Gram and rape-seed being sown.
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 18 to 20 seers. Rice 12 to 13 seers.	Rice and maize being threshed ...	Sowings continue.
10	Shahpur ...	...	1. Scarce ... 2. Good.	Wheat 17 to 21 seers. Bájra 20 to 27 seers.	Crops drying. Rain badly wanted	...
11	Ráwalpindi ...	...	1. Sufficient ...	Wheat 17 seers ... Bájra 23 seers. Maize 27 seers.	Prospects average. Harvesting going on.	Sowings in progress.
12	Peshâwar ...	...	1. Sufficient ... 2. Good.	Wheat 16 seers ... Maize $26\frac{3}{16}$ seers.	Condition of standing crops good	Sowings in progress.
13	D. I. Khan ...	...	1. Procurable... 2. Fair.	Wheat 21 seers ... Bájra 23 seers.	Condition of standing crops average in Tánk, Kuláchi and Leiah, below average in Bhakkar, but a failure in Dera. Rain wanted.	...

GENERAL REMARKS.

Rainfall.—Nil.

Prices—Especially of wheat are rising in Mooltan, Amritsar and Ráwalpindi; falling in Siálkot, Peshâwar and Dera Ismail Khan; unchanged elsewhere. Prices of autumn crops have slightly fallen in some districts owing to new grain having been imported into the market. Wheat is selling from 16 to 21, barley 28 to 30, gram 19 to 23, bulrush millet 18 to 27, maize 24 to 31, great millet 26 and rice 12 to 13 seers per rupee.

Agricultural operations.—Harvesting of autumn crops and picking of cotton going on. Ploughings and sowings of spring crops in progress.

Crops and outturn.—Condition and prospect of standing crops are generally reported good to average. They are below average in parts of Dera Ismail Khan. There is a total failure in parts of Hissar and Dera Ismail Khan. The crops are drying in Shahpur and have suffered in Lahore. Rain is badly wanted in some districts.

Damage done to crops.—The crops have been slightly damaged by insects in parts of Lahore.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient in all districts, except Delhi and Shahpur.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

AGRICULTURAL PROSPECT REPORT OF THE DISTRICT OF DERA ISMAIL KHAN FOR THE MONTH OF SEPTEMBER 1898, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO PUNJAB GAZETTE DATED 13TH OCTOBER 1898.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			Rainfall of present year.				
District.	Rain-gauge Station.	1st October to 31st March.	1st April to 30th September.	For month under report.	Month under report.	1st October 1897 to 31st March 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Dera Ismail Khan.	Tank ...	1·71	5·13	0·17	0·18	2·65	1·21	3·86	Rain has benefited the standing kharíf crops. Condition of standing kharíf crops average in Tánk, Kuláchi and Bhakkar Tahsíls, poor in Leiah and a failure in Dera Tahsíl. Health of people good. Condition of cattle fair. Fodder procurable. Prices low. Wheat 18¾ seers and bájra 23 seers per rupee.
	Kulachi ...	1·77	5·32	0·58	0·06	2·84	3·04	5·88	
	Dera ...	2·24	5·73	0·49	0·36	5·04	1·24	6·28	
	Bhakkar ...	1·59	5·63	0·55	1·00	2·40	1·46	3·86	
	Leiah ...	1·48	5·82	0·81	...	1·72	3·55	5·27	
	Sheikh Budín ...	...	...	...	1·65	4·88	10·23	15·11	

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

TABLE OF RAINFALL RECORDED AT STATIONS IN T

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab, South.	Hissar.	Sirsa	...	...	...	0·13	...	...	...	...	...	...	...	...	0·90	...	...	...	...	...	...	...
		Fatahabad	...	...	0·12	...	0·06	...	...	...	...	...	...	...	0·52	...	...	...	...	...	...	...
		Hissar	...	...	...	...	0·58	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hansi	...	...	...	...	..	...	...	...	...	...	...	...	0·06	...	...	0·15	...	...	...	...
		Bhiwani	...	...	...	0·38	0·18	...	...	...	...	...	...	...	...	1 97	...	0·87	...	...	...	...
		Budhlada	...	...	...	...	0·11	...	...	...	...	...	...	...	..	0·80	...	...	...	...	...	...
		Tohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jind State.	Dhaneta *C*	...	...	...	...	0·10	0·40	...	...	...	...	...	...	...	0·50	...	...	...	...	...	...
		Safidan *C*	...	...	0·30	...	...	...	0·20	...	...	...	...	...	...	1 00	0·90	...	...	...	...	...
		Jind *C*	...	0·50	...	...	0·20	...	...	...	...	...	...	...	...	0·20	...	0·10	...	...	...	...
	Bikaner State.	Chhani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ferozepore.	Moga	...	...	...	...	...	...	...	...	...	...	...	...	0·12	0·06	0·97	0·16	...	...	...	...
		Zira	0·42	...	...	...	...	...	...	...	...	...	...	0·31	...	1·38	...	...	...	...	...	...
		Ferozepore Sadr	...	...	0·30	...	...	...	...	...	...	...	...	...	0·14	...	1·07	...	...	...	...	...
		Ferozepore City	...	0·02	...	...	...	...	...	...	...	...	...	0·22	...	...	1·03	...	...	...	...	...
		Muktsar	...	...	...	...	...	...	...	...	...	...	...	...	...	0·39	...	...	...	...	...	...
		Fazilka	0·12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nathana	...	...	0·14	...	...	...	...	...	...	...	...	...	0·57	...	...	...	...	0·16	...	...
		Jalalabad	...	...	...	...	...	...	...	...	...	...	...	0·23	...	...	...	...	...	...	...	...
		Govindgarh *C*	...	...	...	...	...	...	...	...	...	...	...	0·60	...	...	...	...	...	...	...	...
		Phidda *C*	...	...	...	...	...	...	...	...	...	...	...	0·40	...	...	...	...	...	...	...	...
	Montgomery.	Gugera	...	...	...	0·45	...	...	...	...	...	...	...	...	...	...	1·88	...	...	...	...	...
		Montgomery	...	...	0·43	0·10	...	...	...	...	...	...	...	...	...	...	0·79	...	...	...	...	...
		Pakpattan	...	...	...	1·10	...	...	...	...	...	...	...	...	...	...	0·41	...	...	...	...	...
		Dipalpur	...	...	...	0·63	...	...	...	...	...	...	...	...	...	...	0·45	...	...	...	...	...
		Sandyanwala	Rain guage not yet erected.																			
Punjab, Central.	Gurgaon.	Farukhnagar	...	...	...	...	0·71	...	...	...	...	0·10	...	...	...	...	...	...	...	...	...	...
		Jatusana	...	...	...	...	0·90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rewari	0·80	...	0·60	...	0·31	...	0·12	...	...	...	...	...	...	0·19	...	...	...	...	...	...
		Shahjahanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tauru	...	...	...	0·70	1·00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nuh	...	...	0 70	0·41	0·19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Firozpur	...	0·09	...	0·16	...	...	...	...	...	...	...	...	...	...	...	0·24	...	...	...	...
		Hodal	0·15	0·03	...	0·40	1·10	0·50	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hattin	0·20	...	...	0·55	0·80	0 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palwal	0·44	...	0·05	0·20	0·55	0·35	0·50	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sohna	...	...	...	...	1·20	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
		Gurgaon	...	...	...	...	0·24	...	0·14	0·02	0·11	R.	...	...	...	...	...	...	...	...	...	...
		Punahana	...	...	1·38	...	0·45	0·05	...	1·20	...	...	...	...	...	...	...	0·70	...	...	...	...
	Rohtak.	**Rohtak**	...	..	0·75	...	...	...	...	...	...	...	...	...	...	0·61	...	0·43	...	...	...	...
		Gohana	0·25	...	...	...	0·16	0·16	...	...	...	...	...	...	...	...	...	1·50	...	...	...	...
		Sampla	...	...	...	...	...	...	...	...	...	...	...	...	...	1·04	...	...	...	...	...	...
		Jhajjar	...	...	...	0·36	1·16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Delhi.	Ballabgarh	...	0·15	...	0·26	0·18	0·39	...	...	...	...	...	...	...	2·18	...	...	...	...	...	...
		Mahrauli	..	...	...	...	...	...	...	...	...	...	...	...	...	1·12	...	...	...	...	...	...
		Sadr (Delhi)	...	...	...	...	0 10	...	0·66	0·05	...	...	...	...	...	0·20	...	...	...	...	...	...
		Sonepat	...	...	...	0·29	0·02	...	0·13	...	...	...	...	...	...	0·13	...	0·11	...	...	...	...

PUNJAB FOR THE MONTH OF SEPTEMBER 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 30th September 1898.	Average rainfall from 1st October up to 30th September.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...		2	3.6	1.03	2.13	0.90	9.59	14.05	Sirsa	Hissar.	Punjab, South.
...	...	...	...	...	...	...	...	...		2	3.3	0.70	1.83	0.52	9.45	16.19	Fatahabad		
...	...	...	...	...	...	...	0.11	...		2	3.0	0.69	2.01	0.58	10.74	16.55	**Hissar**		
...	...	...	...	...	...	...	0.20	...		2	2.8	0.41	2.39	0.20	12.07	15.58	Hansi		
...	...	...	...	...	...	...	...	...		4	3.4	0.10	2.73	1.97	16.13	16.47	Bhiwani		
...	...	...	...	...	...	...	...	...		2	?	0.91	?	0.80	13.40	?	Budhlada		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	6.69	?	Tohana		
...	...	...	...	...	...	...	...	...		3	?	1.00	?	0.50	14.99	?	Dhaneta *C*	Jind State.	
...	...	...	...	...	...	...	...	...		4	?	2.40	?	1.00	17.50	?	Safidan *C*		
...	...	...	...	...	...	...	...	...		4	?	1.90	?	0.50	12.61	?	Jind *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	8.30	?	Chhani *C*	Bikaner State.	
...	...	...	...	...	...	...	0.24	...		4	2.4	1.55	2.63	0.97	17.17	16.39	Moga	Ferozepore.	
...	...	...	...	...	...	0.30	...	...		4	3.1	2.41	2.72	1.38	16.83	19.95	Zira		
...	...	...	...	...	...	...	0.14	...		4	2.4	1.65	2.65	1.07	17.79	18.05	**Ferozepore Sadr**		
...	...	...	...	...	...	0.03	...	...		2	?	1.30	?	1.03	10.86	?	Ferozepore City		
...	...	...	...	...	...	...	...	...		1	2.1	0.39	2.31	0.39	9.79	10.82	Muktsar		
...	...	...	...	...	...	...	...	...		1	?	0.12	?	0.12	9.23	?	Fazilka		
...	..	...	...	...	...	..	...	...		3	?	0.87	?	0.57	11.42	?	Nathana		
...	...	...	...	...	...	...	...	...		1	?	0.23	?	0.23	10.43	?	Jalalabad		
...	...	...	...	...	...	...	...	...		1	?	0.60	?	0.60	6.10	?	Govindgarh *C*		
...	...	..	..	...	...	...	...	...		1	?	0.40	?	0.40	6.30	?	Phidda *C*		
...	...	...	...	...	...	...	...	...		2	1.9	2.33	0.97	1.88	10.56	8.22	Gugera	Montgomery.	
...	...	...	...	...	...	...	...	...		3	1.4	1.32	1.00	0.79	5.16	10.76	**Montgomery**		
...	...	...	...	...	...	...	...	...		2	1.8	1.60	1.30	1.10	4.97	8.38	Pakpattan		
...	...	...	...	...	...	...	...	...		2	1.2	1.08	1.19	0.63	8.52	8.01	Dipalpur		
																	Sandyanwala		
...	...	...	...	...	...	...	...	...		2	?	0.81	?	0.71	14.43	?	Farukhnagar	Gurgaon.	Punjab, Central.
...	...	...	...	...	...	...	...	...		1	?	0.90	?	0.90	8.10	?	Jatusana		
...	...	...	..	...	...	...	...	...		5	3.6	2.02	3.34	0.80	14.28	21.83	Rewari		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	18.66	?	Shahjahanpur		
...	...	...	..	...	...	...	...	...		2	?	1.70	?	1.00	15.44	?	Tauru		
...	...	...	...	...	...	...	...	...		3	5.1	1.30	4.49	0.70	19.70	25.09	Nuh		
...	...	...	...	...	...	...	...	...		2	4.9	0.49	4.74	0.24	14.46	23.45	Firozpur		
...	...	...	...	...	...	...	...	...		5	?	2.28	?	1.10	15.82	?	Hodal		
...	...	...	...	...	...	...	...	...		4	?	1.70	?	0.80	19.68	?	Hattin		
...	...	...	...	...	...	...	...	...		5	4.4	2.09	4.47	0.55	18.19	24.19	Palwal		
...	...	...	...	...	...	...	...	...		1	?	1.20	?	1.20	13.21	?	Sohna		
...	...	...	...	...	...	...	...	...		3	4.4	0.51	4.84	0.24	14.46	26.04	**Gurgaon**		
...	...	...	...	...	...	...	...	...		4	?	3.78	?	1.38	16.47	?	Punahana		
...	...	...	...	...	...	...	...	...		3	3.3	1.79	3.50	0.75	19.11	20.19	**Rohtak**	Rohtak.	
...	...	...	...	...	...	...	...	...		4	3.4	2.07	3.41	1.50	17.51	20.07	Gohana		
...	...	...	...	...	...	...	...	...		1	3.6	1.04	3.44	1.04	13.71	20.83	Sampla		
...	...	...	...	...	...	...	...	...		2	3.2	1.52	3.07	1.16	16.24	19.75	Jhajjar		
...	...	...	...	...	...	...	...	...		5	4.3	3.16	4.19	2.18	17.71	24.42	Ballabgarh	Delhi.	
...	...	...	...	...	...	...	...	...		1	?	1.12	?	1.12	19.09	?	Mahrauli		
...	...	...	...	...	...	...	...	...		3	4.3	1.01	5.07	0.66	16.71	28.08	**Sadr (Delhi)**		
...	...	...	...	...	...	...	...	...		4	4.3	0.68	6.36	0.29	16.80	25.42	Sonepat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Central—*concluded.*	Karnal.	Panipat ...	0·10	...	0·23	...	...	...	0·56	...	0·04	...	...	...	...	...	...	...	...	...	...	...	...
		Karnal ...	...	...	1·38	...	...	...	...	0·38	0·57	...	...	...	...	...	...	...	...	...	...	...	...
		Rajaund ...	...	...	0·60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·50	...	...
		Kaithal ...	0·17	...	...	...	...	0·02	0·04	...	...	...	...	...	...	0·54	...	...	...	...	...	...	...
		Gulah ...	...	...	...	0·48	...	0·50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Thansear ...	...	...	...	0·18	...	...	0·35	...	...	...	...	...	...	0·45	...	...	...	...	...	...	...
	Lahore.	Van *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chunian ...	0·10	...	0·35	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	...	...
		Kasur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·32	...	...	...	...	...	...	...
		Pambe *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sharakpur ...	...	...	1·41	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	...
		Niaz Beg *C* ...	...	...	0·20	...	...	...	...	...	...	...	...	...	0·10	...	...	...	...	...	...	...	...
		Lahore ...	...	...	0·56	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Meean Meer *C* ...	...	1·20	...	...	...	...	...	...	...	...	...	...	0·10	...	...	...	...	...	...	...	...
		Manihala *C* ...	1·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...	...
		Dafthu *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nijabat *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	0·10	...	...	...	...	...	...	...
Punjab Submontane.	Umballa.	Jagadhri ...	...	...	...	...	0·56	0·95	...	...	0·44	...	...	...	0·36	...	...	...	...	...	...	...	...
		Umballa ...	0·78	...	...	...	0·32	2·04	0·03	...	0·15	...	...	...	...	0·02	...	0·39	...	...	...	...	...
		Naraingarh ...	...	2·84	...	...	...	...	...	...	...	...	...	...	...	...	...	0·12	...	...	...	...	...
		Kharar ...	...	...	1·22	...	0·85	0·42	...	0·12	0·87	0·07	...	...	...	0·70	...	...	...	...	...	...	...
		Rupar ...	...	1·57	...	1·41	0·05	0·05	...	0·93	0·54	...	...	...	0·26	...	0·14	...	...	...	...	...	...
		Dadupur *C* ...	...	...	3·50	...	0·80	0·80	0·80	0·90	0·50	...	...	...	0·60	0·40	...	...	...	...	...	...	...
	Patiala State.	Kotra *C* ...	...	...	0·40	...	0·04	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	...	...
		Jodhpur *C* ...	...	...	0·71	...	...	...	...	0·18	...	...	...	...	1·05	...	...	...	...	...	...	...	...
		Raniki *C* ...	...	...	...	...	...	...	...	0·07	...	...	...	...	...	0·27	0·21	...	...	...	...	...	...
		Lehal *C* ...	...	...	0·05	...	...	...	0·06	...	0·22	...	...	...	...	1·59	0·51	0·06	...	...	...	...	...
		Gujran *C* ...	...	...	1·15	...	...	...	...	...	...	...	...	...	...	0·42	...	...	...	...	...	...	...
		Barthala *C* ...	...	...	0·30	...	...	...	...	...	...	...	...	...	...	0·09	...	0·60	...	...	...	...	...
	Nabha State.	Dadahur *C* ...	...	...	...	...	...	0·40	...	...	...	...	...	...	0·20	0·40	1·60	0·60	...	...	...	...	...
		Bundher *C* ...	0·25	...	...	...	0·28	...	...	...	...	...	...	...	1·55	...	...	...	...	...	...	...	...
	Ludhiana.	Samrala ...	...	...	0·03	...	...	...	0·12	...	0·70	...	...	...	...	0·25	0·42	0·05	...	...	...	...	...
		Ludhiana ...	...	...	0·15	...	...	0·20	0·70	...	...	...	...	...	...	0·65	...	0·82	...	...	...	...	...
		Jagraon ...	...	...	...	...	...	...	0·16	...	...	...	...	...	...	...	1·07	0·33	...	...	...	...	...
	Jullundur.	**Jullundur** ...	...	0·34	...	...	0·75	0·60	...	...	...	...	...	0·48	...	0·16	...	...	...	...	...	...	...
		Nakodar ...	...	...	...	...	0·11	0·40	0·70	...	...	...	...	...	0·49	2·16	1·32	0·05	...	...	...	...	...
		Phillour ...	...	...	0·56	...	0·22	0·39	1·72	...	...	...	...	...	...	1·51	...	0·75	...	...	...	...	...
		Nawashahr ...	...	2·17	...	0·14	...	...	...	0·75	...	...	...	...	0·15	...	0·21	...	...	...	...	...	...

Punjab for the month of September 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 30th September 1898.	Average rainfall from 1st October up to 30th September.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	0·03	...		3	4·1	0·96	4·45	0·56	16·03	23·05	Panipat	Karnal.	Punjab, Central—*concluded.*
...	...	...	...	...	...	...	...	...		3	4·8	2·33	4·69	1·38	21·28	29·72	**Karnal**		
...	...	...	...	...	...	...	...	...		2	?	2·10	?	1·50	16·43	?	Rajaund		
...	...	...	...	...	...	...	...	...		2	3·8	0·77	3·00	0·54	16·11	18·19	Kaithal		
...	...	...	...	...	...	...	...	...		2	?	0·98	?	0·50	17·82	?	Gulah		
...	...	...	...	...	...	0·01	...	...		3	3·6	0·99	4·09	0·45	26·27	26·20	Thanesar		
...	...	...	...	...	...	...	...	...		0	1·6	0	2·27	0	14·87	16·15	Van *C*	Lahore.	
...	...	...	...	...	...	...	...	...		2	1·5	0·50	2·30	0·35	11·35	15·68	Chunian		
...	...	...	...	...	...	...	...	...		1	1·9	0·32	1·87	0·32	13·15	12·45	Kasur		
...	...	...	...	...	...	...	...	...		0	2·5	0	2·61	0	16·60	17·07	Pambe *C*		
...	...	...	...	...	...	...	...	...		1	1·4	1·45	1·63	1·41	19·49	11·49	Sharakpur		
...	...	...	...	...	...	...	...	...		2	1·5	0·30	2·91	0·20	19·58	20·91	Niaz Beg *C*		
...	...	...	...	...	...	...	0·05	...		1	3·7	0·61	2·44	0·56	18·38	17·80	**Lahore**		
...	...	...	...	...	...	...	...	...		2	2·0	1·30	2·80	1·20	27·49	23·18	Meean Meer *C*		
...	...	...	...	...	...	...	...	...		2	2·3	1·25	3·06	1·10	15·10	18·98	Manihala *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	13·20	?	Dafthu *C*		
...	...	...	...	...	...	...	...	...		1	?	0·15	?	0·10	6·42	?	Nijabat *C*		
...	...	...	...	...	...	...	...	...		4	4·0	2·31	6·00	0·95	29·14	39·54	Jagadhri	Umballa.	Punjab Submontane.
...	...	...	...	...	...	...	...	...		5	4·5	3·73	5·47	2·04	30·67	33·25	**Umballa**		
...	...	...	...	...	...	...	...	...		2	4·4	2·96	5·23	2·84	33·36	37·40	Naraingarh		
...	...	...	...	0·05	...	...	...	...		6	3·3	4·30	3·97	1·22	28·11	31·15	Kharar		
...	...	...	...	...	...	...	...	...		6	3·8	4·95	4·15	1·57	32·74	28·36	Rupar		
...	...	...	...	...	...	...	...	...		8	?	8·30	?	3·50	40·60	?	Dadupur *C*		
...	...	...	...	...	...	...	0·05	...		1	?	0·53	?	0·40	12·43	?	Kotra *C*	Patiala State.	
...	...	...	...	...	...	...	...	...		3	?	1·94	?	1·05	9·28	?	Jodhpur *C*		
...	...	...	...	...	...	...	...	...		2	?	0·55	?	0·27	15·95	?	Raniki *C*		
...	...	...	...	...	...	...	0·17	...		4	?	2·66	?	1·59	18·82	?	Lehal *C*		
...	...	...	...	...	...	...	...	...		2	?	1·57	?	1·15	22·32	?	Gujran *C*		
...	...	...	...	...	...	...	...	...		2	?	0·99	?	0·60	22·38	?	Barthala *C*		
...	...	...	...	...	...	...	...	...		5	?	3·20	?	1·60	19·05	?	Dadahur *C*	Nabha State.	
...	...	...	...	...	...	...	...	...		3	?	2·08	?	1·55	11·64	?	Bundher *C*		
...	...	...	...	...	...	...	...	...		4	3·7	1·57	3·89	0·70	17·95	27·27	Samrala	Ludhiana.	
...	...	...	...	...	...	...	...	...		5	3·4	2·52	4·36	0·82	22·55	26·60	**Ludhiana**		
...	...	...	...	...	...	...	0·09	...		3	2·9	1·65	2·97	1·07	23·92	19·35	Jagraon		
...	...	...	...	...	...	...	...	...		5	4·2	2·33	4·36	0·75	21·06	28·03	**Jullundur**	Jullundur.	
...	...	...	...	...	...	...	0·30	...		7	3·9	5·53	3·55	2·16	28·33	25·72	Nakodar		
...	...	...	...	...	...	...	...	...		6	3·9	5·15	3·53	1·72	24·76	23·70	Phillour		
...	...	...	...	...	...	...	...	...		5	4·3	3·42	3·97	2·17	28·44	26·60	Nawashahr		

Table of Rainfall recorded at Stations in t

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	2
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	
Punjab, Submontane—*concluded.*	Hoshiarpur.	Dasuya ...	...	...	1·33	...	0·73	0·47	...	0·28	0·11	...	...	...	0·45	0·52	...	...	...	...	...	...	...
		Una ...	...	...	0·27	...	1·45	0·75	...	0·69	0·80	0·14	0·08	...	0·08	0·05	...	0·04	...	...	...	...	...
		Garhshankar ...	...	...	0·20	...	0·05	0·12	0·02	...	0·29	0·07	...	...	0·17	1·73	...	0·17	...	...	...	...	...
		Sadr Station ...	...	...	1·55	...	1·12	1·07	...	0·20	0·30	...	...	...	0·20	1·36	...	0·05	...	...	...	...	...
		Hoshiarpur ...	...	...	1·50	...	1·12	1·25	0·10	...	0·30	...	...	...	0·16	0·95	...	0·05	...	...	...	...	...
	Gurdaspur.	Aliwal *C* ...	...	...	...	...	...	0·40	0·55	...	...	...	...	...	0·65	0·30	...	...	...	...	...	...	...
		Batala ...	...	0·12	...	...	...	1·05	0·39	...	...	...	...	...	0·95	0·60	...	...	...	...	...	...	...
		Tibri *C* ...	...	0·40	3·40	...	0·45	1·30	...	...	0·65	...	...	...	0·80	0·30	...	...	...	...	...	...	...
		Gurdaspur ...	...	...	1·92	...	0·48	3·28	...	0·10	0·24	...	...	...	1·72	0·20	...	...	...	...	...	...	...
		Pathankot ...	...	0·14	0·20	...	...	0·26	...	...	0·16	0·06	0·13	...	2·96	1·22	...	...	...	...	...	...	...
		Dalhousie ...	0·06	...	...	0·61	0·30	0·11	...	...	0·18	...	...	...	1·54	...	...	0·08	...	...	...	...	...
		Madhopur *C* ...	0·20	0·35	...	...	...	0·35	...	0·25	0·05	0·20	0·90	0·10	1·50	0·30	...	...	...	...	...	...	...
		Shakargarh ...	0·30	...	0·52	...	0·02	1·38	...	0·30	0·15	...	...	...	0·80	1·75	...	...	...	...	...	...	...
	Amritsar.	Buchar *C* ...	...	...	1·25	...	...	...	...	...	...	...	...	...	...	...	1·90	...	...	...	...	...	...
		Khara *C* ...	...	0·60	...	...	...	...	...	...	...	...	...	0·40	...	...	0·82	...	...	...	...	...	...
		Tarn Taran ...	...	...	...	...	...	...	...	...	...	...	...	...	0·45	0·09	1·15	...	...	...	...	...	...
		Raya *C* ...	...	...	0·51	...	...	0·76	0·22	...	...	...	...	...	...	0·62	...	...	...	...	...	...	...
		Amritsar Jail Hospital.	...	0·11	...	...	...	...	...	...	...	...	...	0·07	...	0·14	...	...	...	...	...	...	...
		Amritsar *C* ...	...	...	0·15	...	...	...	...	...	...	...	...	...	0·20	0·05	0·70	...	...	...	...	...	...
		Buggeh *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.45	...	...	...	...	...	...
		Ajnala ...	...	0·16	...	...	...	...	...	...	...	0·10	...	...	...	0·51	0·11	...	...	...	...	...	...
Punjab, Hill Division.	Simla.	Kasauli ...	...	...	0·70	...	1·14	1·90	...	0·39	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barauli ...		...	...	0·12	2·06	...	0·22	0·25	...	0·15	...	...	...	...	...	...	...	...	...	...	...
		Simla ...	0·01	0·12	0·01	...	0·38	0·81	...	0·27	0·17	0·02	0·06	0·12	0·05	0·14	0·05	...	...	...	...	...	...
		Kot Khai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kotgarh ...	...	...	...	...	...	0·60	0·15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kilba ...																			Sta	tem	ent
	Kangra.	Plach ...	...	...	...	0·07	0·13	0·05	...	0·30	0·20	...	...	...	...	...	...	0·05	...	...	...	...	...
		Kulu ...	...	...	...	...	...	0·15	...	...	0·15	0·08	...	...	...	...	...	...	...	...	...	...	...
		Nagar ...	...	...	...	...	...	...	...	1·00	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palampur ...	...	0·61	0·04	0·05	0·92	1·60	2·50	0·80	...	...	0·07	1·35	0·98	...	...	0·66	...	...	...	...	...
		Hamirpur ...	...	0·65	0·11	...	0·17	0·07	...	...	2·21	1·60	...	...	0·93	...	...	...	...	...	...	...	...
		Dera ...	...	...	0·61	...	...	1·32	...	3·00	...	...	...	...	0·58	...	...	...	...	...	...	...	...
		Kangra ...	...	1·35	0·25	...	...	0·05	...	0·97	...	0·14	0·12	0·97	0·30	...	...	...	...	...	...	...	...
		Dharmsala ...	...	0·06	0·05	0·58	0·77	0·40	0·05	0·21	0·04	0·36	0·13	0·10	2·50	...	0·04	0·05	...	...	...	...	...
		Nurpur ...	...	0·83	0·10	...	0·94	0·11	...	1·61	...	1·71	...	0·29	1·34	0·04	...	...	...	...	...	...	...
Punjab North-West.	Gujranwala.	Ramnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·60	...	...	...	...	...	...
		Wazirabad ...	0·55	1·45	...	0·07	...	...	...	0·03	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujranwala Sadr Kacheri.	...	2·83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shekhupura ...	...	0·60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hafizabad ...	...	0·33	...	...	...	...	...	...	...	...	...	...	...	...	0·91	...	...	...	...	...	...
		Khangah Dogran ...	...	...	0·20	...	...	...	...	...	...	...	...	...	...	...	1·00	...	...	...	...	...	...
		Rampur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pacca Dalla *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Firoz *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...
	Sialkot.	Zafarwal ...	...	0·37	...	...	...	0·71	0·34	...	0·10	...	...	...	0·24	0·72	0·04	...	...	...	...	...	...
		Pasrur ...	0·03	1·36	0·11	...	...	0·93	...	...	0·05	...	...	...	1·63	0·03	0·04	...	...	...	...	...	...
		Raya ...	0·22	0·62	0·13	...	...	0·52	...	...	...	...	...	...	0·72	...	0·09	...	...	...	...	...	...
		Daska ...	...	0·98	0·08	...	...	...	...	...	...	...	...	...	1·09	...	0·11	...	...	...	...	...	...
		Sialkot ...	0·15	0·71	0·18	...	...	0·31	...	0·07	...	...	...	0·04	3·64	...	...	...	...	...	...	...	...

Punjab for the month of September 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 30th September 1898.	Average rainfall from 1st October up to 30th September.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	7	3·9	3·89	3·76	1·33	36·96	32·89	Dasuya	Hoshiarpur.	Punjab, Submontane—*concluded.*
...	...	...	...	0·06	...	...	0·03	...	...	6	5·3	4·44	4·04	1·45	30·80	33·88	Una		
...	...	...	...	...	...	...	0·[illegible]7	...	...	7	5·0	3·19	4·33	1·7[illegible]	24·89	30·77	Garhshankar		
...	...	...	...	...	...	...	0·32	...	...	8	4·2	6·17	4·87	1·55	38·76	34·42	**Sadr Station**		
...	...	...	...	...	...	...	0·22	...	...	8	?	5·65	?	1·50	36·9[illegible]	?	Hoshiarpur		
...	...	...	...	...	...	...	...	...	...	4	3·1	1·90	2·74	0·65	31·98	23·99	Aliwal *C*	Gurdaspur.	
...	...	...	...	...	...	...	...	...	...	[illegible]	3·9	3·11	3·82	1·05	31·47	30·76	Batala		
...	...	...	...	...	...	...	...	...	...	7	3·3	7·30	3·97	3·40	29·75	30·21	Tibri *C*		
...	...	...	...	...	...	...	...	0·02	...	7	3·9	7·96	3·41	3·28	38·52	30·95	**Gurdaspur**		
...	...	...	...	...	0·20	0·12	0·03	0·38	...	10	4·3	5·86	5·73	2·96	43·23	48·59	Pathankot		
...	...	...	...	0·30	...	0·10	1·10	0·43	...	9	8·3	4·81	7·25	1·54	69·12	80·20	Dalhousie		
...	...	...	...	0·15	...	...	0·10	0·55	...	12	5·6	5·00	4·32	1·[illegible]0	41·55	50·64	Madhopur *C*		
...	...	...	...	...	...	0·09	0·30	0·10	...	9	4·1	5·71	4·16	1·75	37·40	37·84	Shakargarh		
...	...	...	...	...	...	...	...	...	...	2	2·8	3·1[illegible]	3·15	1·90	23·93	21·89	Buchar *C*	Amritsar.	
...	...	...	...	...	...	...	...	...	...	3	2·7	1·82	2·04	0·82	15·84	6·42	Khara *C*		
...	...	...	...	...	...	...	...	...	...	2	2·8	1·69	2·86	1·15	21·64	[illegible]2·95	Tarn Taran		
...	...	...	...	...	...	...	...	...	...	4	2·5	2·11	2·07	0·76	21·78	24·96	Raya *C*		
...	...	...	...	...	...	...	...	...	...	2	3·3	0·32	3·58	0·14	23·62	25·85	**Amritsar Jail Hospital**		
...	...	...	...	...	...	...	...	...	...	3	?	1·10	?	0·7[illegible]	21·27	?	**Amritsar** *C*		
...	...	...	...	...	...	...	...	...	...	1	1·5	0·45	2·28	0·45	25·12	22·04	Buggeh *C*		
...	...	...	...	...	...	...	...	...	...	4	2·2	0·88	1·97	0·51	24·76	18·71	Ajnala		
...	...	...	0·34	...	...	...	...	...	...	5	6·0	4·47	8·80	1·90	48·40	61·59	Kasauli	Simla.	Punjab, Hill Division.
...	...	...	0·11	...	...	0·48	...	...	...	7	7·7	3·39	5·60	2·06	43·44	51·18	Barauli		
...	...	...	...	0·06	...	...	0·45	...	...	8	9·0	2·72	5·38	0·81	49·88	64·22	**Simla**		
...	...	...	...	...	...	0·2[illegible]	...	...	...	1	7·4	0·22	4·62	0·22	26·11	52·09	Kot Khai		
...	...	...	...	...	...	0·45	...	...	...	3	7·8	1·20	6·05	0·60	31·12	59·18	Kotgarh		
not	recei	ved.															Kilba		
...	...	...	...	0·18	...	...	0·52	...	...	5	5·9	1·50	3·70	0·52	33·14	43·38	Plach	Kangra.	Punjab, North-West.
...	...	...	...	...	...	...	0·10	...	...	3	4·9	0·48	4·41	0·15	27·68	47·08	Kulu		
...	...	...	...	...	...	...	...	...	...	1	5·5	1·00	4·04	1·00	77·89	38·04	Nagar		
...	...	...	0·09	...	...	...	0·06	...	...	9	10·1	0·95	10·30	2·50	106·91	102·58	Palampur		
...	...	...	...	0·22	...	...	R.	...	...	7	7·2	6·41	5·80	2·21	56·86	49·94	Hamirpur		
...	...	...	...	0·67	...	...	...	...	...	5	5·0	5·75	6·22	3·00	53·35	54·91	Dera		
...	...	...	...	0·24	...	...	0·06	...	...	8	7·6	4·36	7·68	1·35	73·70	70·74	Kangra		
...	...	...	...	0·15	...	...	0·07	0·14	...	10	11·6	5·93	11·78	2·50	118·75	120·30	**Dharmsala**		
...	...	...	...	0·38	...	...	0·10	0·29	...	11	6·7	7·61	7·17	1·71	59·25	65·87	Nurpur		
...	...	...	...	...	...	...	...	...	...	1	2·6	0·60	2·40	0·60	17·10	21·42	Ramnagar	Gujranwala.	
...	...	...	...	...	0·06	...	0·26	...	...	3	2·7	2·42	2·[illegible]2	1·45	21·66	21·49	Wazirabad		
...	...	...	...	...	...	...	...	...	...	1	3·4	[illegible]·83	2·31	2·83	22·27	23·29	**Gujranwala Sadr Kacheri.**		
...	...	...	...	...	...	...	...	...	...	1	1·5	0·60	1·69	0·60	17·09	12·51	Shekhupura		
...	...	...	...	...	...	0·17	..	...	...	3	2·2	1·41	2·03	0·91	21·17	18·22	Hafizabad		
...	...	...	...	...	...	...	...	...	...	2	?	1·20	?	1·00	21·27	?	Khangah Dogran		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	12·90	?	Rampur *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	12·25	?	Pacca Dalla *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	13·91	?	Firoz *C*		
...	...	...	...	...	...	...	0·31	0·13	...	8	3·3	2·96	2·55	0·72	35·02	29·86	Zafarwal	Sialkot.	
...	...	...	...	...	...	0·20	0·41	0·11	...	6	3·9	4·72	3·35	1·63	29·10	30·78	Pasrur		
...	...	...	...	...	...	...	0·21	...	...	6	2·7	2·51	2·04	1·72	27·76	21·41	Raya		
...	...	...	...	...	...	...	0·20	...	...	4	2·6	2·46	2·21	1·09	27·02	25·25	Daska		
...	...	...	...	...	0·20	...	0·53	...	...	6	3·0	5·65	3·05	3·64	31·31	34·49	**Sialkot**		

Table of Rainfall recorded at Stations in the

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Gujrat.	**Sadr (Gujrat)** ...	...	0·85	...	0·32	...	0.59	0·30	...	...	...	...	...	0·32	0·16	...	...	...	...	...	...	...
	Kharian ...	...	0.67	...	0·48	...	...	...	1·09	...	...	...	...	0·2[illegible]	0·22	...	...	...	...	...	...	...
	Phalia ...	1·20	0.10	...	...	...	0·02	...	...	...	...	...	...	...	...	1·10	...	...	...	...	...	...
Jhelum.	Pind Dadan Khan...	...	1·15	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...
	Sadr Station (Jhelum)	...	0·52	0·08	0·59	...	0·27	0·11	0·92	...	...	...	...	0·25	0·07	0·41	...	...	...	...	...	...
	Chakwal ...	...	0·50	0·34	...	...	0·28	...	0·19	...	...	...	...	...	0·83	...	..	...	...	...	...	...
	Talagang ...	...	0·27	...	...	...	0·23	...	...	...	...	...	...	...	...	...	...	...	...	0·09	...	...
Rawalpindi.	Pindigheb ...	...	0·87	...	0·10	...	...	...	...	...	...	...	2·92	...	...	...	...	...	0·21	...	...	...
	Fatahjang ...	...	...	0·28	0·31	1·65	...	...	...	...	...	...	...	...	2·95	0·9[illegible]	...	...	...	...	...	...
	Attock ...	2·15	...	2·60	1·50	0·32	...	0·[illegible]4	0·35	...	...	...	...	1·30	0·10	...	...	...	...	...	...	...
	Rawalpindi ...	0·41	...	1·12	0·18	1·62	...	0·83	...	...	...	...	...	0·61	1·40	1·4[illegible]	...	...	0·41	...	...	...
	Gujar Khan ...	...	...	1·39	...	0·84	...	0·05	...	...	...	...	...	1·4	...	...	...	0·14	...	...	...	...
	Kahuta ...	...	0·09	...	...	0·08	...	0·06	2·27	...	...	...		0·36	0·76	0·62	...	...	...	...	...	...
	Murree ...	0·05	0·30	0·[illegible]8	0·[illegible]4	0·18	...	...	0·67	0·38	...	...	0·38	0·7[illegible]	0·97	0·50	...		0·09	...	...	...
Peshawar.	Swabi ...	1·85	...	1·41	...	0·86	...	...	1·34	...	...	...	0·32	1·13	...	...	...	...	..	...	...	...
	Lahor (Utman Bolak)	...	1·00	...	0·60	0·80	...	...	0·40	...	...	...	1·00	...	0·10	...	...	...	...	...	...	...
	Nowshera ...	...	...	...	...	...	...	...	...	...	...	...	0·27	...	...	...	...	...	...	...	...	...
	Mardan ...	0·03	...	1·42	...	...	...	...	...	...	...	...	2·03	0·13	0·10	...	...	...	...	...	...	...
	Katlang ...	...	...	...	...	...	...	1·10	...	...	...	...	...	0·50	...	...	...	...	...	...	...	...
	Charsadda ...	...	...	...	...	...	...	...	0·68	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nabakki ...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...
	Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Abazai *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...
	Khan Mahi *C* ...	...	...	...	...	...	...	...	0·30	...	...	...	..	0·60	...	...	...	...	...	...	...	...
	Para Chinar (Kurram)	...	0·85	...	0·16	...	...	...	...	...	...	...	...	0·92	0·30	0·09	...	...	...	...	...	...
Hazara.	**Abbott-abad** ...	0·17	0.33	...	...	0·47	...	...	0·19	...	...	...	...	2·50	0·95	0·10	...	...	0·39	...	...	...
	Mansahra ...	0·92	0·27	...	...	0·57	...	...	...	...	...	...	...	1·12	1·83	0·09	...	...	...	...	...	...
	Haripur ...	0·34	0·28	0·82	0·12	...	...	...	1·45	...	...	...	...	1·50	0·21	...	...	...	0·55	...	...	...
Kohat.	**Kohat** ...	...	...	...	...	...	...	...	...	...	...	...	...	0·67	0·08	...	...	...	...	...	...	...
	Hangu ...	...	0·52	...	...	...	...	...	...	...	...	...	...	...	0·75	...	1·25	...	...	...	...	...
	Thal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Banda Daud Shah...	...	...	...	...	...	...	...	...	...	...	...	...	0·16	0·05	...	...	...	...	...	...	...
	Fort Lockhart ...	...	...	...	0·50	...	0·46	...	...	...	...	...	...	...	...	0·20	...	0·40	...	...	...	...
Bannu.	Mianwali ...	...	...	...	...	...	1·00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Isa Khel ...	...	...	...	...	...	0·34	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bannu ...	...	0·10	...	...	...	0·04	...	...	...	...	...	...	...	...	0·19	...	...	...	...	...	...
	Marwat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·80	...	...	...	...	...	...

Punjab for the month of September **1898—continued.**

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 30th September 1898.	Average rainfall from 1st October up to 30th September.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	0·44	...	...		7	3·1	2·98	2·73	0·85	23·80	26·35	**Sadr (Gujrat)**	Gujrat.	Punjab, North-West—*concluded.*
...	...	...	...	...	...	0·20	...	...		6	3·7	2·86	3·17	1·09	24·90	28·01	Kharian		
...	...	...	...	...	...	0·17	...	...		4	2·7	2·59	2·08	1·20	15·89	19·69	Phalia		
...	...	...	...	...	...	...	0·22	...		2	2·3	1·37	1·91	1·15	17·18	16·18	Pind Dadan Khan	Jhelum.	
...	...	...	...	...	0·29	0·18	0·16	...		10	3·3	3·85	2·24	0·92	29·06	21·84	**Sadr Station (Jhelum)**		
...	...	...	...	...	0·59	...	0·45	...		7	3·1	3·18	1·81	0·83	18·68	15·53	Chakwal		
...	...	...	...	...	0·30	0·17	0·66	...		5	3·2	1·72	2·25	0·66	20·81	18·32	Talagang		
...	...	...	...	...	0·23	0·04	0·26	...		6	[illegible]	4·63	1·53	2·92	20·66	18·15	Pindigheb	Rawalpindi.	
...	...	...	...	...	0·33	0·30	...	...		7	3·6	6·72	2·04	2·95	24·22	22·33	Fatahjang		
...	...	...	...	...	...	...	...	...		8	3·6	8·56	2·09	2·60	28·94	18·4	Attock		
...	..	...	...	0·15	0·40	0·20	0·08	...		12	4·8	8·87	3·51	1·62	29·64	31·19	**Rawalpindi**		
...	...	...	...	0·20	..	1·20	...	...		7	3·6	5·85	4·07	1·43	29·76	30·19	Gujar Khan		
...	...	...	...	...	1·12	0·22	0·22	...		7	4·4	5·80	3·61	2·27	36·72	37·00	Kahuta		
...	...	...	...	0·03	1·22	1·41	0·60	...		13	7·5	8·28	4·97	1·41	64·98	48·74	Murree		
...	...	...	...	...	...	...	...	...		6	0·9	6·91	1·02	1·85	27·83	15·23	Swabi	Peshawar.	
...	...	...	...	...	...	...	...	...		6	1·4	3·90	1·88	1·00	22·41	16·62	Lahor (Utman Bolak)		
...	...	...	...	...	0·35	...	...	...		2	1·5	0·62	0·97	0·35	13·18	14·09	Nowshera		
...	...	...	...	...	0·38	...	...	...		5	1·8	4·09	2·04	2·03	20·31	17·5	Mardan		
...	...	...	...	...	...	...	...	...		2	0·8	1·60	0·93	1·10	13·94	13·94	Katlang		
...	...	...	...	...	0·28	...	...	...		2	1·4	0·90	1·06	0·66	11·24	10·90	Charsadda.		
...	...	...	...	..	0·41	...	...	...		1	1·0	0·41	0·47	0·41	7·41	12·10	Nabakki		
...	...	...	...	0·61	0·45	...	...	...		2	1·6	1·06	0·82	0·61	12·90	12·07	**Peshawar**		
...	...	...	...	...	...	0·35	...	...		1	?	0·35	?	0·35	11·10	?	Abazai *C*		
...	...	...	...	...	...	0·10	...	...		3	?	1·00	?	0·60	8·90	?	Khan Mahi *C*		
...	...	...	...	0·44	0·16	1·05	...	...		7	?	3·97	?	1·05	27·84	?	Para Chinar (Kurram)		
...	...	...	...	...	0·11	0·68	0·68	...		11	5·9	6·57	3·19	2·50	49·66	44·84	**Abbott-abad**	Hazara.	
...	...	...	...	...	...	0·43	1·10	...		7	4·8	6·33	2·46	1·83	40·16	36·67	Mansahra		
...	...	...	...	...	0·70	0·24	1·20	...		11	3·8	6·41	2·88	1·45	28·46	29·75	Haripur		
...	...	...	...	...	0·52	...	...	...		2	2·8	1·27	1·49	0·67	14·81	18·30	**Kohat**	Kohat.	
...	...	...	...	...	0·55	...	...	...		4	?	3·07	?	1·25	26·09	?	Hangu		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	18·19	?	Thal		
...	...	...	...	...	...	...	0·12	...		2	?	0·33	?	0·16	22·99	?	Banda Daud Shah		
...	...	...	0·50	...	...	...	...	...		5	?	2·06	?	0·50	7·29	?	Fort Lockhart		
...	...	...	...	...	...	...	...	...		1	1·4	1·00	1·08	1·00	16·59	10·35	Mianwali	Bannu.	Punjab, West.
...	...	...	...	...	...	...	..	...		1	1·3	0·34	0·86	0·34	10·89	8·42	Isa Khel		
...	...	...	...	...	...	...	...	...		2	1·0	0·33	0·66	0·19	12·49	11·30	**Bannu**		
...	...	...	...	...	...	...	...	...		1	0·7	0·80	0·40	0·80	14·94	10·74	Marwat		

Table of Rainfall recorded at Stations in the

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Shahpur.	Midh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	...	...	...	...	...
	Sahiwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·53	...	...	...	...	...	...	...
	Nurpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·60	...	...	...	...	...	...
	Mitha Tiwana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sakesar ...	...	...	...	...	...	1·05	...	...	...	...	...	...	...	1·30	...	...	...	...	...	...	...
	Naushahra ...	...	...	0·50	...	...	0·14	...	...	...	...	...	...	...	0·61	0·14	...	...	...	...	...	...
	Khushab ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·41	...	...	...	...	...	...
	Shahpur ...	...	...	...	0·25	...	...	...	...	...	...	...	...	...	...	1·00	...	...	...	...	...	...
	Bhera ...	1·65	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Miani ...	0·63	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	...	...
Jhang.	Shorkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·34	1·12	...	...	...	...	...	...
	Jhang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·65	...	...	...	...	...	...
	Chiniot ...	...	...	0·66	...	...	...	...	...	...	...	...	...	...	...	0·44	...	...	...	...	...	...
	Lyallpur ...	...	0·17	...	0·20	...	...	...	...	...	...	...	...	...	...	1·67	...	...	...	...	...	...
	Badwali *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	...	...
	Tarkhani *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...	...	...	...	...	...
	Muridwala *C* ...	...	...	0·40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khewra *C* ...	0·10	...	...	...	...	...	...	...	...	...	...	...	...	0·40	...	...	...	...	...	...	...
	Laklani *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	0·25	0·35	...	...	...	...	...	...	...
	Lyallpur *C* ...	...	0·30	0·10	...	...	...	...	...	...	...	...	...	...	1·20	0·30	...	...	...	...	...	...
D. I. Khan.	Tank ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·18	...	...	...	...	...	...
	Kulachi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	...	...	...	...	...
	Dera Ismail Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·36	...	...	...	...	...	...
	Bhakkar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·00	...	...	...	...	...	...
	Leiah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Shekh Budin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·65	...	...	...	...	...	...
D. G. Khan.	Sanghar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	...	...	...
	Dera Ghazi Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·67	...	...	...	...	...	...
	Fort Munro ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jampur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·11	...	...	...	...	...	...	...
	Rajanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	1·12	...	...	...	...	...	...
Muzaffargarh.	Alipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·28	...	...	...	...	...	...
	Muzaffargarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·05	...	...	...	...	...	...
	Sinanwan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	...	...	...	...	...	...
Mooltan.	Mailsi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·58	...	...	...	...	...	...	...
	Lodhran ...	...	...	0·10	...	...	...	...	...	...	...	...	...	...	...	0·70	...	...	...	...	...	...
	Shujabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·5[illegible]	...	...	...	...	...	...
	Mooltan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·42	...	...	...	...	...	...
	Kabirwala ...	...	0·40	...	...	...	...	...	...	...	...	...	...	...	...	0·58	...	...	...	...	...	...

NOTE.—R denotes
D do.
T do.
H do.
S do.

Memo. of Errors.

February 1898.

Against Chakwal (Jhelum District) in columns 16, 37 and 40 *read* 0·52, 3·50 and 5·54 *for* 0·72, 3·70 and 5·74 respectively.

March 1898.

Against Chakwal (Jhelum District) in column 40 *read* 5·66 *for* 5·86.

April 1898.

Against Chakwal (Jhelum District) in column 40 *read* 5·66 *for* 5·86.

May 1898.

Against Chakwal (Jhelum District) in column 40 *read* 6·97 *for* 7·17.

Punjab for the month of September 1898—concluded.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 30th September 1898.	Average rainfall from 1st October up to 30th September.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...		1	1·2	0·50	1·20	0·50	19·32	14·91	Midh	Shahpur.	Punjab, West—*concluded.*
...	...	...	...	...	...	...	...	...		1	1·7	0·53	0·79	0·53	10·67	12·03	Sahiwal		
...	...	...	...	...	...	...	...	...		1	0·7	0·60	0·27	0·60	10·42	6·49	Nurpur		
...	...	...	...	...	...	...	...	...		0	1·3	0	0·93	0	8·50	9·62	Mitha Tiwana		
...	...	...	...	...	...	...	...	...		2	1·8	2·35	2·05	1·30	28·13	12·29	Sakesar		
...	...	...	...	...	...	...	...	...		4	2·0	1·39	1·28	0·61	18·11	15·72	Naushahra		
...	...	...	...	...	...	...	...	...		1	1·6	0·41	1·35	0·41	14·95	10·44	Khushab		
...	...	...	...	...	...	...	...	...		2	2·1	1·25	1·81	1·00	15·35	14·62	**Shahpur**		
...	...	...	...	...	...	...	...	...		1	1·8	1·65	1·39	1·65	14·87	14·97	Bhera		
...	...	...	...	...	...	0·20	...	...		3	1·5	1·03	1·62	0·63	13·64	15·71	Miani		
...	...	...	...	...	...	...	...	...		2	1·4	1·46	0·78	1·12	9·33	8·76	Shorkot	Jhang.	
...	...	...	...	...	...	...	...	...		1	1·1	0·65	0·64	0·65	6·01	8·61	**Jhang**		
...	...	...	...	...	0·09	...	...	...		2	1·8	1·19	0·90	0·66	13·41	11·34	Chiniot		
...	...	...	...	...	...	...	...	...		3	?	2·04	?	1·67	13·50	?	Lyallpur		
...	...	...	...	...	...	...	...	...		1	?	0·20	?	0·20	9·40	?	Badwali *C*		
...	...	...	...	...	...	...	...	...		1	?	0·30	?	0·30	7·36	?	Tarkhani *C*		
...	...	...	...	...	...	...	...	...		1	?	0·40	?	0·40	5·59	?	Muridwala *C*		
...	...	...	...	...	...	...	...	...		2	?	0·50	?	0·40	6·45	?	Khewra *C*		
...	...	...	...	...	...	...	...	...		2	?	0·60	?	0·35	4·85	?	Laklani *C*		
...	...	...	...	...	...	...	...	...		4	?	1·90	?	1·20	14·20	?	Lyallpur *C*		
...	...	...	...	...	...	...	...	...		1	0·2	0·18	0·17	0·18	3·86	6·84	Tank	D. I. Khan.	
...	...	...	...	...	...	...	...	...		0	0·9	0·06	0·58	0·06	5·88	7·09	Kulachi		
...	...	...	...	...	...	...	...	...		1	1·2	0·36	0·49	0·36	6·28	7·97	**Dera Ismail Khan**		
...	...	...	...	...	...	...	...	...		1	1·1	1·00	0·55	1·00	3·86	7·22	Bhakkar		
...	...	...	...	...	...	...	...	...		0	1·2	0	0·81	0	5·27	7·30	Leiah		
...	...	...	...	...	...	...	...	...		1	?	1·65	?	1·65	15·11	?	Shekh Budin		
...	...	...	...	...	...	...	...	...		1	0·6	0·20	0·2[illegible]	0·20	9·49	6·86	Sanghar	D. G. Khan.	
...	...	...	...	...	...	...	...	...		1	0·8	3·67	0·62	3·67	7·98	8·54	**Dera Ghazi Khan**		
...	...	...	...	...	...	...	...	...		0	1·2	0	0·78	0	5·87	10·71	Fort Munro		
...	...	...	...	...	...	...	...	...		1	0·6	0·11	0·28	0·11	2·19	5·21	Jampur		
...	...	...	...	...	...	...	...	...		2	0·5	1·22	0·17	1·12	4·09	3·57	Rajanpur		
...	...	...	...	...	...	...	...	...		1	0·6	1·28	0·36	1·28	4·05	8·23	Alipur	Muzaffar-garh.	
...	...	...	...	...	...	...	...	...		1	0·8	1·05	0·75	1·05	5·04	5·70	**Muzaffargarh**		
...	...	...	...	...	...	...	...	...		0	0·7	0·07	0·52	0·07	5·08	7·66	Sinanwan		
...	...	...	...	...	...	...	...	...	...	1	1·4	0·58	0·46	0·58	4·82	4·19	Mailsi	Mooltan.	
...	...	...	...	...	...	...	...	...	...	2	1·1	0·80	0·41	0·70	4·24	4·53	Lodhran		
...	...	...	...	...	...	...	...	...	...	1	1·1	1·50	1·23	1·50	3·67	5·37	Shujabad		
...	...	...	...	...	...	...	...	...	...	1	0·5	0·42	0·69	0·42	4·00	5·89	**Mooltan**		
...	...	...	...	...	...	...	...	...	...	2	0·8	0·98	0·69	0·58	7·01	5·97	Kabirwala		

slight rain.
dust storm.
thunder.
hail.
snowfall.

MEMO. OF ERRORS.

June 1898.

Against Chakwal (Jhelum District) in column 40 ***read*** 7·25 ***for*** 7·45.

July 1898.

Against Chakwal (Jhelum District) in column 40 ***read*** 12·34 ***for*** 12·54.

August 1898.

Against Chakwal (Jhelum District) in column 40 ***read*** 15·50 ***for*** 15·70.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

Approximate Return of Traffic for week ended 1st October 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs A. P.	Rs A P.			
Total traffic for the week	c16,109	c16,193 11 0	70,351 10	11,376 5 0	55 0 0	27,625 0 0	7,282	3,347	10,629
Or per mile of Railway	...	90 13 0	...	70 1 11	0 5 5	170 4 4	...	...	...
For previous $12\frac{2}{7}$ weeks of half-year	*211,109	*1,75,595 0 0	†662,901 20	†1,00,510 5 0	‡657 0 0	2,76,762 5 0	86,843	35,435	122,278
Total for $13\frac{2}{7}$ weeks ...	227,218	1,91,788 11 0	733,252 30	1,11,886 10 0	712 0 0	3,04,387 5 0	94,125	38,782	132,907
COMPARISON.									
Total for corresponding week of previous year ...	16,454½	25,466 2 3	68,521 20	14,698 10 0	97 0 9	40,261 13 0	8,503	4,515	13,018
Per mile of Railway corresponding week of previous year.	...	156 15 5	...	90 9 7	0 9 7	248 2 7	...	...	...
Total for corresponding $13\frac{2}{7}$ weeks of previous year ...	223,685	2,72,811 15 1	1,059,062 30	1,59,977 1 10	1,259 6 6	4,34,048 7 5	107,988	56,588	164,576

c The decrease is due to despatch of Commissariat stores to the frontier in the corresponding period of 1897.

* Deducted No. of passengers 788 and Rs. 3,322 } on account of difference between the Approximate and Audited figures for the week ended 27th August 1898.
† Do. Mds. 22,351 and " 300 }
‡ Do. " 6 }

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 6th October 1898.

T. BASHFORD,
Acting Chief Auditor.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 1ST OCTOBER 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	8	6	14	7	5	2	...	...	...	2	1	...	4	1	1	2	43	22	1
2		Hansi ...	15,190	9	9	18	10	4	6	...	...	...	6	...	...	4	1	1	2	62	34	2
3		Bhiwani ...	35,487	20	11	31	22	13	9	...	...	...	7	1	...	14	5	2	7	46	32	3
4		Sirsa ...	16,415	5	10	15	7	4	3	...	...	...	4	...	...	3	3	...	3	48	22	4
5	Rohtak ...	Rohtak ...	16,191	10	17	27	14	7	7	...	...	...	4	2	...	8	6	3	9	90	45	5
6		Jhajjar ...	11,881	5	12	17	7	3	4	...	...	...	4	...	...	3	...	1	1	75	31	6
7	Gurgaon ...	Rewari ...	27,934	15	18	33	15	8	7	...	...	...	9	1	...	5	2	1	3	62	28	7
8		Palwal ...	11,227	15	8	23	11	5	6	...	...	...	6	...	...	5	3	4	7	107	51	8
9	Delhi ...	Delhi ...	189,648	117	103	220	118	49	69	...	...	1	78	5	...	34	11	17	28	60	32	9
10		Sonepat ...	12,611	7	6	13	4	2	2	...	...	...	3	...	...	1	...	1	1	54	17	10
11	Karnal ...	Karnal ...	21,530	21	11	32	21	5	16	...	...	...	6	1	...	14	6	1	7	77	51	11
12		Kaithal ...	15,768	15	13	28	17	10	7	...	...	...	8	2	...	7	4	3	7	93	56	12
13		Panipat ...	27,547	19	18	37	19	6	13	...	...	...	7	1	1	10	5	8	13	70	36	13
14		Shahabad ...	11,473	4	3	7	7	2	5	...	...	...	3	...	...	4	1	2	3	32	32	14
15	Umballa ...	Umballa ...	26,856	14	11	25	22	9	13	1	...	...	10	2	...	9	2	5	7	49	43	15
16		Jagadhri ...	13,029	7	4	11	10	8	2	...	...	...	6	...	...	4	2	...	2	44	40	16
17		Sadhaura ...	10,445	4	3	7	3	3	...	...	...	...	2	...	...	1	1	...	1	35	15	17
18	Hoshiarpur	Hoshiarpur ...	17,546	14	7	21	14	5	9	...	...	...	6	4	...	4	2	2	4	62	42	18
19		Tanda and Urmar	11,632	9	5	14	9	3	6	...	...	...	4	3	...	2	1	3	4	63	40	19
20	Jullundur ...	Jullundur ...	50,375	19	29	48	42	23	19	...	...	...	22	3	...	17	11	5	16	50	43	20
21		Rahon ...	10,667	7	8	15	9	7	2	...	...	...	5	1	...	3	4	2	6	73	44	21
22		Kartarpur ...	10,441	3	4	7	3	3	...	...	...	...	1	2	...	...	2	...	2	35	15	22
23	Ludhiana ...	Ludhiana ...	46,024	23	23	46	34	18	16	...	...	...	9	4	...	21	8	5	13	52	39	23
24		Jagraon ...	18,116	9	9	18	8	4	4	...	...	...	1	3	...	4	1	2	3	52	23	24
25	Ferozepore ...	Ferozepore ...	25,337	6	9	15	13	6	7	...	...	...	6	2	...	5	3	3	6	31	27	25
26	Mooltan ...	Mooltan ...	64,265	28	38	66	38	18	20	...	...	...	18	4	1	15	8	12	20	54	31	26
27	Jhang ...	Maghiana ...	13,866	7	14	21	6	3	3	...	...	...	...	1	...	5	2	...	2	79	23	27
28		Chiniot ...	13,476	10	10	20	8	4	4	...	...	...	1	3	...	4	1	1	2	77	31	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	62	74	136	134	72	62	...	...	...	77	11	...	46	20	22	42	44	44	29
30		Kasur ...	20,290	11	10	21	6	1	5	...	...	...	1	...	1	4	...	2	2	54	15	30
31		Chunian ...	10,339	10	9	19	3	2	1	...	...	...	2	...	1	...	1	...	1	96	15	31
32	Amritsar ...	Amritsar ...	135,401	94	67	161	126	73	53	...	...	...	86	5	2	33	17	11	28	62	49	32
33	Gurdaspur ...	Batala ...	27,223	15	13	28	18	10	8	...	...	...	10	1	...	7	3	5	8	54	34	33
34	Sialkot ...	Sialkot ...	33,965	20	28	48	53	29	24	...	...	...	26	11	...	16	8	6	14	74	81	34
35	Gujrat ...	Gujrat ...	17,671	11	18	29	17	10	7	...	...	...	11	2	1	3	...	1	1	86	50	35
36		Jalalpur ...	11,065	5	6	11	12	4	8	...	...	...	5	5	...	2	1	3	4	52	57	36
37	Gujranwala...	Gujranwala ...	25,892	9	12	21	13	9	4	...	...	...	4	...	...	9	5	2	7	42	26	37
38		Wazirabad ...	15,786	9	2	11	21	15	6	...	...	...	7	5	...	9	7	1	8	36	40	38
39	Shahpur ...	Bhera ...	17,428	9	8	17	18	10	8	...	...	...	11	...	...	7	1	3	4	51	54	39
40	Jhelum ...	Pind Dadan Khan	Return	not	rece	ived.																40
41	Rawalpindi ...	Rawalpindi ...	38,334	17	11	28	38	22	16	...	...	...	30	...	...	8	2	2	4	38	52	41
42	Peshawar ...	Peshawar ...	63,079	26	15	41	34	23	11	...	...	...	24	1	...	9	6	2	8	34	28	42
43	Kohat ...	Kohat ...	14,347	6	8	14	6	4	2	...	...	1	3	1	...	1	...	1	1	51	22	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	10	5	15	6	3	3	...	...	...	2	4	...	...	...	1	1	36	15	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	8	6	14	8	2	6	...	...	1	5	2	...	...	...	1	1	31	17	45
	Grand Total ...		1,397,720	752	711	1,463	1,011	526	485	1	...	3	542	94	7	364	167	148	315	55	38	
	Hill Sanitaria.																					
	Simla		13,279	5	3	8	5	4	1	...	...	...	1	...	...	4	2	...	2	31	20	
	Dharmsala		2,778	...	3	3	2	1	1	...	...	...	2	...	...	...	...	...	...	56	38	
	Dalhousie		807	...	...	...	4	1	3	...	...	...	3	...	...	2	...	2	2	...	258	
	Murree		1,459	...	1	1	2	1	1	...	...	...	...	1	...	1	...	...	...	36	71	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 18th October 1898.

C. J. BAMBER, LIEUT-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 1ST OCTOBER 1898.

Births and Deaths in Municipal Towns.—In the 44 large Municipal towns 1,463 births were registered (752 males and 711 females), giving a birth-rate of 55 per *mille* of population; 1,011 deaths were registered (526 males and 485 females), giving a death-rate of 38 per *mille* of population.

C. J. BAMBER, LIEUT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 18th October 1898.

Punjab Government Press, Lahore—20-10-98—690.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, OCTOBER 27, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 25th OCTOBER 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharff (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	..	1. Sufficient ... 2. Good.	Wheat 17 seers ... Bájra 18 seers. Gram 19 seers.	Crops withered throughout the greater part of the district. Canal crops satisfactory.	Sowings in progress in canal-irrigated tracts only.
2	Delhi ...	...	1. Getting scarce. 2. Fair.	Wheat 16½ seers Gram 19½ seers. Bájra 19 seers.	Reapings almost completed; outturn expected to be below average; stocks sufficient.	Sowings delayed for want of rain.
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 19 seers... Gram 21½ seers. Maize 28 seers.	Reapings in progress ...	Sowings in progress.
4	Jullundur ...	...	2. Good ...	Wheat 21 seers ... Gram 22½ seers. Barley 28 seers. Maize 27 seers.	Crops in good condition ...	Sowings in progress.
5	Ferozepore ...	...	1. Sufficient ...	Wheat 19 seers ... Bájra 20 seers.	Harvesting in progress; stocks of food-grains sufficient.	Ploughings continue.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	...	Wheat, 2nd quality, 19 seers.	Crops in good condition ...	Sowings in progress; canals nearly dry.
7	Lahore ...	...	1. Sufficient ...	Wheat 18 to 21 seers. Maize 28 seers.	Reapings of rice and maize crops in progress.	Sowings of rabi crops in progress; standing crops being irrigated. Irrigated crops average; báráni suffering for want of rain.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 20 seers ... Maize 31 seers.	Crops in good condition. Food stock sufficient.	Sowings going on.
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 18 to 19½ seers. Rice 12 to 13 seers.	Threshing of maize and rice continue; outturn average.	Sowings continue.
10	Shahpur ...	—	1. Scarce ...	Wheat 17 to 21 seers. Bájra 20 to 26 seers.	Fodder scarce ...	Rain wanted.
11	Ráwalpindi ...	...	1. Sufficient ...	Wheat 17 seers ... Bájra 23 seers. Maize 28 seers.	Crops being cut. Prospects average.	Spring being sown.
12	Peshâwar ...	...	1. Sufficient ... 2. Good.	Wheat 15 9/16 seers Maize 26 8/16 seers.	Maize crops have been slightly damaged by wind in parts. Food stock sufficient.	Wheat and barley still being sown. Condition of standing crops generally good.
13	D. I. Khan ...	...	1. Procurable... 2. Fair.	Wheat 21 seers ... Bájra 23 seers.	...	Condition of standing crops average in parts and a failure in one tahsíl.

GENERAL REMARKS.

Rainfall.—Nil.

Prices—Especially of wheat slightly rising in Amritsar and Peshâwar; falling in Mooltan; unchanged elsewhere. Wheat selling from 15 9/16 to 21, barley 28, gram 19 to 22½, bulrush millet 18 to 26, maize 26 8/16 to 31 and rice 12 to 13 seers per rupee.

Agricultural operations.—Harvesting of autumn crops going on. Ploughings and sowings of spring crops in progress, but delayed in unirrigated tracts for want of rain.

Crops and outturn.—Condition of standing crops generally reported good to average. Crops have withered in greater part of the Hissar District and suffered in Lahore. Dera Ismail Khan reports a failure in one tahsíl. Rain wanted.

Damage done to crops.—Maize crops slightly damaged by winds in parts of Peshâwar.

Agricultural stock.—Condition of cattle fair in Delhi and Dera Ismail Khan; good elsewhere.

Pasturage.—Fodder sufficient in all districts, except Delhi and Shahpur.

TULSI DASS, *Offg. Supdt.,*

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 8TH OCTOBER 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	17	9	26	17	9	8	...	...	...	14	...	...	3	1	4	5	80	53	1
2		Hansi ...	15,190	11	10	21	12	7	5	...	...	...	7	...	...	5	2	2	4	72	41	2
3		Bhiwani ...	35,487	23	17	40	24	10	14	...	...	...	12	2	...	10	5	3	8	59	35	3
4		Sirsa ...	16,415	12	8	20	10	4	6	...	...	...	4	1	...	5	1	3	4	64	32	4
5	Rohtak ...	Rohtak ...	16,191	10	7	17	8	2	6	...	...	...	1	1	...	6	1	4	5	55	26	5
6		Jhajjar ...	11,881	8	5	13	8	3	5	...	...	...	4	1	...	3	1	1	2	57	35	6
7	Gurgaon ...	Rewari ...	27,934	11	9	20	13	10	3	...	...	...	5	4	...	4	2	...	2	37	24	7
8		Palwal ...	11,227	8	10	18	14	10	4	...	...	...	7	2	...	5	2	2	4	84	65	8
9	Delhi ...	Delhi ...	189,648	120	120	240	116	59	57	...	...	1	82	1	...	32	13	15	28	66	32	9
10		Sonepat ...	12,611	8	11	19	9	6	3	...	...	...	5	2	...	2	...	...	...	79	37	10
11	Karnal ...	Karnal ...	21,530	14	8	22	17	6	11	...	...	...	13	...	...	4	3	2	5	53	41	11
12		Kaithal ...	15,768	13	11	24	13	4	9	...	...	...	6	...	...	7	2	2	4	79	43	12
13		Panipat ...	27,547	12	18	30	21	13	8	...	...	...	12	2	...	7	4	2	6	57	40	13
14		Shahabad ...	11,473	3	4	7	5	3	2	...	...	...	2	...	...	3	2	...	2	32	23	14
15	Umballa ...	Umballa ...	26,856	10	12	22	12	3	9	...	...	...	5	...	...	7	3	4	7	43	23	15
16		Jagadhri ...	13,029	9	3	12	11	5	6	...	...	...	5	...	...	6	4	1	5	48	44	16
17		Sadhaura ...	10,445	10	3	13	4	1	3	...	...	...	3	...	...	1	1	...	1	65	20	17
18	Hoshiarpur	Hoshiarpur ...	Return not received.																			18
19		Tanda and Urmar																				19
20	Jullundur ...	Jullundur ...	50,375	31	28	59	33	16	17	...	...	...	20	3	...	10	6	4	10	61	34	20
21		Rahon ...	10,667	7	6	13	6	1	5	...	...	...	2	3	...	1	...	1	1	64	29	21
22		Kartarpur ...	10,441	6	5	11	5	2	3	...	...	...	2	1	...	2	1	1	2	55	25	22
23	Ludhiana ...	Ludhiana ...	46,024	21	19	40	30	14	16	...	...	...	12	4	...	14	3	5	8	45	34	23
24		Jagraon ...	18,116	5	12	17	8	4	4	...	...	...	4	...	...	4	1	1	2	49	23	24
25	Ferozepore ...	Ferozepore ...	25,337	10	13	23	10	7	3	...	...	...	7	2	...	1	...	...	...	47	21	25
26	Mooltan ...	Mooltan ...	64,265	40	42	82	30	18	12	...	...	...	18	10	...	2	5	6	11	67	24	26
27	Jhang ...	Maghiana ...	13,866	7	10	17	14	6	8	...	...	...	6	1	...	7	3	4	7	64	53	27
28		Chiniot	13,476	15	7	22	9	3	6	...	...	...	5	...	...	4	1	2	3	85	35	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	64	67	131	110	57	53	...	...	...	68	12	5	25	12	11	23	43	36	29
30		Kasur ...	20,290	11	13	24	8	3	5	...	...	...	5	...	...	3	2	1	3	62	21	30
31		Chunian ...	10,339	7	4	11	11	3	8	...	...	...	8	...	...	3	1	3	4	55	55	31
32	Amritsar ...	Amritsar ...	135,401	77	75	152	127	59	68	..	...	...	83	10	1	33	17	11	28	59	49	32
33	Gurdaspur ...	Batala ...	27,223	18	14	32	18	12	6	..	...	...	9	3	...	6	4	2	6	61	34	33
34	Sialkot ...	Sialkot ...	33,965	17	23	40	36	19	17	...	...	...	16	9	...	11	6	1	7	61	55	34
35	Gujrat ...	Gujrat ...	17,671	11	7	18	12	6	6	...	...	...	8	1	...	3	3	2	5	53	35	35
36		Jalalpur ..	11,065	5	3	8	9	2	7	...	...	...	3	1	1	4	...	2	2	38	43	36
37	Gujranwala...	Gujranwala ...	25,892	6	9	15	19	5	14	...	...	...	9	1	...	9	2	7	9	30	38	37
38		Wazirabad ...	15,786	7	1	8	26	13	13	...	...	...	14	3	1	8	3	4	7	26	86	38
39	Shahpur ...	Bhera ...	17,428	11	7	18	9	5	4	...	..	...	5	2	...	2	1	2	3	54	27	39
40	Jhelum ...	Pind Dadan Khan	15,055	8	7	15	9	6	3	...	...	...	4	5	...	...	...	1	1	52	31	40
41	Rawalpindi ...	Rawalpindi ...	38,334	17	15	32	33	18	15	...	...	...	22	2	3	7	6	4	10	44	45	41
42	Peshawar ...	Peshawar ...	63,079	15	16	31	39	24	15	...	...	...	32	1	...	6	5	4	9	26	32	42
43	Kohat ...	Kohat ...	14,347	4	2	6	7	...	7	...	...	1	5	...	...	1	...	4	4	22	25	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	13	5	18	16	12	4	...	...	...	10	2	..	4	4	1	5	44	39	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	7	4	11	7	3	4	...	...	...	3	2	...	2	1	2	3	24	15	45
	Grand Total ...		1,383,597	739	679	1,418	955	473	482	...	...	2	567	94	10	282	134	131	265	53	36	
	Hill Sanitaria.																					
	Simla		13,279	6	5	11	9	5	4	...	..	...	5	...	...	4	1	1	2	43	35	
	Dharmsala		2,778	2	1	3	3	2	1	...	...	...	3	...	...	...	...	1	1	56	56	
	Dalhousie		807	...	1	1	1	...	1	...	...	...	1	...	...	...	...	..	...	65	65	
	Murree		1,459	...	3	3	...	...	...	...	...	...	...	...	..	...	...	...	...	107	...	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 25th October 1898.

C. J. BAMBER, LIEUT-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 8TH OCTOBER 1898.

Births and Deaths in Municipal Towns.—In the 43 large Municipal towns 1,418 births were registered (739 males and 679 females), giving a birth-rate of 53 per *mille* of population; 955 deaths were registered (473 males and 482 females), giving a death-rate of 36 per *mille* of population.

C. J. BAMBER, LIEUT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 25th October 1898.

MONTHLY RAINFALL OF KILBA (SIMLA DISTRICT) IN THE PUNJAB FOR THE MONTH OF SEPTEMBER

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Meteorolog[illegible]	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.
Punjab Hill Division.	Simla.	Kilba ...	...	...	...	...	0·05	0·04	...	...	...	0·05	...	...	...	0·06	...	...	...	...	...	...

RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO PUNJAB GAZETTE DATED 20TH OCTOBER 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1897 up to 30th September 1898	Average rainfall from 1st October up to 30th September.	Station.	District.	Meteorological Division.
...	...	...	0·03	0·08	0·01	...	0·19	...		1	?	0·51	4·48	0·19	14·87	45·7	Kilba ...	Simla.	Punjab Hill Division.

TULSI DAS, *Offg. Supdt.,*

Office of Director of Land Records and Agriculture, Punjab.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

QUANTITIES PER RUPEE BY THE

1	2			3			4			5		
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs	Srs.	Srs.	Srs.
Hissar ...	17	17	11	24	24	14	...	...	...	10	10	6
Rohtak ...	16	16	10	22	22	12	...	...	...	12	12	8
Gurgaon ...	16	16	11	23	24	16	...	...	...	8	8	7
Delhi ...	16	16	11	24	24	15	...	...	...	10	10	9
Karnál ...	18	18	11	28	31	13	...	...	...	12	12	8
Umballa ...	19	19	11	26	28	12	...	...	...	12	10	9
Simla ...	14	13	10	24	20	12	...	...	...	9	9	6
Kángra ...	20	19	13	24	25	19	...	...	...	15	13	10
Hoshiárpur ...	21	21	14	30	30	17	...	...	...	12	12	8
Jullundur ...	21	21	13	28	30	16	...	...	...	8	8	7
Ludhiána ...	21	20	12	33	32	15	...	...	...	10	9	7
Ferozepore ...	18	18	11	28	25	13	...	...	...	10	9	6
Mooltan ...	15	16	10	23	25	14	...	...	...	16	14	10
Jhang ...	20	20	12	25	25	16	...	...	...	12	12	8
Montgomery...	20	19	12	§	§	‡	...	...	...	10	10	7
Lahore ...	18	18	11	34	33	16	...	...	...	12	13	8
Amritsar ...	19	19	11	36	24	15	...	...	...	12	12	9
Gurdáspur ...	21	21	13	40	40	17	...	...	...	13	11	10
Siálkot ...	19	18	12	33	30	15	...	...	...	13	12	8
Gujrát ...	19	19	11	28	32	14	...	...	...	11	9	6
Gujránwála ...	20	20	12	35	34	14	...	...	...	13	12	8
Shahpur ...	21	21	13	28	28	16	...	...	...	8	8	5
Jhelum ...	18	20	12	29	29	15	...	...	...	11	10	8
Ráwalpindi ...	18	18	11	29	28	16	...	...	...	8	8	6
Hazára ...	18	18	12	28	29	19	...	...	...	9	9	8
Peshâwar ...	15	15	11	27	25	17	...	...	...	9	9	7
Kohát ...	16	15	9	24	24	12	...	...	...	12	12	9
Bannu ...	21	21	11	36	39	18	...	...	...	12	12	7
D. I. Khan (a)	...	19	10	...	23	13	...	...	...	...	7	5
D. G. Khan ...	16	16	11	20	20	14	...	...	...	13	13	8
Muzaffargarh	18	18	12	24	23	13	...	...	...	15	15	10

† Not pro
‡ Not sold.
§ Not pro
(a) Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH OCTOBER 1898.

ORDINARY SEER OF 80 TOLAS.

6			7			1
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*			Districts
Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
20	21	17	18	18	16	Hissar.
22	21	12	18	18	15	Rohtak.
22	22	13	20	21	15	Gurgaon.
23	23	12	19	19	14	Delhi.
25	25	12	20	20	13	Karnál.
25	25	15	21	21	11	Umballa.
20	20	7	16	16	9	Simla.
†	†	†	†	†	†	Kángra.
25	25	18	19	18	13	Hoshiárpur.
24	22	14	19	19	9	Jullundur.
27	26	12	22	21	8	Ludhiána.
23	26	14	20	20	14	Ferozepore.
24	23	15	19	19	11	Mooltan.
26	27	18	18	20	16	Jhang.
§	§	§	§	§	†	Montgomery.
22	22	16	21	21	10	Lahore.
25	25	12	21	17	9	Amritsar.
24	24	11	11	11	11	Gurdáspur.
31	31	14	§	§	§	Siálkot.
22	17	9	22	17	10	Gujrát.
32	25	13	24	17	9	Gujránwála.
20	20	16	20	20	16	Shahpur.
21	22	12	23	21	11	Jhelum.
29	29	10	22	21	12	Ráwalpindi.
(a)	§	§	16	16	§	Hazára.
35	35	15	19	18	12	Peshávar.
§	§	§	22	23	13	Kohát.
41	41	18	28	31	15	Bannu.
...	25	18	...	23	14	D. I. Khan (a)
21	21	15	23	23	15	D. G. Khan
20	20	11	21	16	13	Muzaffargarh.

duced.

curable.
not received.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 18 seers as compared with 18 seers in last fortnight and 11 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Umballa ...	11	19	19
Ludhiána ...	12	20	21
Montgomery ...	12	19	20
Gujránwála ...	12	20	20
Bannu ...	11	21	21
Muzaffargarh ...	12	18	18

Barley.—Prices average 28 seers as compared with 28 seers in last fortnight and 15 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Karnál ...	13	31	28
Ludhiána ...	15	32	33
Amritsar ...	15	24	36
Gujránwála ...	14	34	35
Bannu ...	18	39	36
Muzaffargarh ...	13	23	24

Rice.—Prices average 11 seers as compared with 11 seers in last fortnight and 8 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Hissar ...	6	10	10
Kángra ...	10	13	15
Mooltan ...	10	14	16
Gujránwála ...	8	12	13
Bannu ...	7	12	12
Muzaffargarh ...	10	15	15

Jowár.—Prices average 25 seers as compared with 25 seers in last fortnight and 14 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs	Last fortnight. Srs	This fortnight. Srs.
Karnál ...	12	25	25
Ludhiána ...	12	26	27
Amritsar ...	12	25	25
Gujránwála ...	13	25	32
Bannu ...	18	41	41
Muzaffargarh ...	11	20	20

Bájra.—Prices average 20 seers as compared with 20 seers in last fortnight and 12 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Umballa ...	11	21	21
Ludhiána ...	8	21	22
Amritsar ...	9	17	21
Gujránwála ...	9	17	24
Bannu ...	15	31	28
Muzaffargarh ...	13	16	21

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	8			9			10			11		
	QUANTITIES PER RUPEE BY											
Districts.	*Mandwa, Marua or Ragi (Eleusine Corocana).*			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs
Hissar ...	†	†	†	†	†	†	22	21	10	†	†	10
Rohtak ...	†	†	†	10	10	10	19	19	11	23	22	9
Gurgaon ...	†	†	†	†	†	†	19	19	10	22	21	13
Delhi ...	†	†	†	12	12	12	19	19	10	24	24	15
Karnál ...	25	25	10	8	8	7	19	20	9	26	30	18
Umballa ...	§	§	§	16	16	12	21	21	11	28	29	20
Simla ...	18	18	11	10	10	7	16	17	9	24	30	13
Kángra ...	§	§	§	‡	‡	‡	18	16	8	30	26	20
Hoshiárpur ...	20	20	14	12	12	12	23	24	12	28	29	20
Jullundur ...	§	§	§	19	19	12	23	23	12	27	24	18
Ludhiána ...	†	†	†	16	15	14	24	23	11	29	29	16
Ferozepore ...	†	†	†	16	16	14	22	22	10	28	24	16
Mooltan ...	†	†	†	18	17	10	18	18	9	26	25	13
Jhang ...	24	24	10	28	28	18	20	19	10	32	26	20
Montgomery ...	§	§	§	§	§	†	22	22	12	§	§	‡
Lahore ...	§	§	§	24	24	16	22	22	11	26	23	15
Amritsar ...	§	§	†	21	21	14	24	23	10	29	28	14
Gurdáspur ...	§	§	14	12	12	12	24	23	10	24	24	16
Siálkot ...	§	§	§	§	§	§	20	19	10	§	§	15
Gujrát ...	†	†	†	§	§	†	20	20	9	22	17	10
Gujránwála ...	†	†	†	24	16	12	22	22	10	24	20	12
Shahpur ...	24	24	14	16	16	14	25	25	12	16	16	16
Jhelum ...	‡	†	‡	‡	‡	‡	21	21	11	22	24	12
Ráwalpindi ...	‡	‡	‡	16	14	10	20	20	10	28	27	13
Hazára ...	†	†	†	§	§	§	15	15	8	25	25	16
Peshávar ...	†	†	†	18	18	11	18	16	9	27	26	15
Kohát ...	†	†	†	†	†	§	19	17	7	23	23	13
Bannu ...	13	13	13	7	7	8	26	24	9	43	43	16
D. I. Khan (a) ...	...	§	§	...	‡	4	...	21	11	...	26	10
D. G. Khan ...	§	§	§	§	§	§	18	18	9	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	18	18	9	§	§	§

† Not pro
‡ Not sold.
§ Not pro
(a) Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH OCTOBER 1898—continued.

THE ORDINARY SEER OF 80 TOLAS.

12			13			1
Arhur or Thur, Cadjan Pea (Cajanus Indicus).			*Firewood.*			
Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
†	†	†	100	100	100	Hissar.
18	12	10	120	120	120	Rohtak.
19	22	11	130	140	160	Gurgaon.
22	22	11	90	90	100	Delhi.
16	16	8	160	160	160	Karnál.
§	§	§	160	160	145	Umballa.
8	9	6	80	80	60	Simla.
						Kángra.
12	12	7	100	100	100	
8	8	8	120	120	130	Hoshiárpur.
§	§	§	90	100	110	Jullundur.
11	11	7	110	105	105	Ludhiána.
11	11	7	90	100	100	Ferozepore.
†	†	†	90	90	110	Mooltan.
7	7	8	160	160	160	Jhang.
§	§	‡	250	250	310	Montgomery.
12	13	7	89	85	90	Lahore.
‡	‡	§	90	90	110	Amritsar.
§	§	§	100	100	120	Gurdáspur.
§	§	§	110	130	130	Siálkot.
†	†	†	140	140	110	Gujrát.
‡	‡	8	95	95	95	Gujránwála.
†	†	†	160	160	160	Shahpur.
‡	‡	‡	120	120	120	Jhelum.
‡	‡	‡	60	60	60	Ráwalpindi.
†		†	81	81	81	Hazára.
16	(a) 16	10	54	60	52	Pesháwar.
†	†	†	82	82	51	Kohát.
5	5	5	70	70	70	Bannu.
...	‡	4	...	125	125	D. I. Khan. (a)
§	§	§	100	100	100	D. G. Khan.
‡	‡	‡	140	140	140	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Gram.—Prices average 21 seers as compared with 20 seers in last fortnight and 10 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Hissar ...	10	21	22
Ludhiána ...	11	23	24
Amritsar ...	10	23	24
Shahpur ...	12	25	25
Bannu ...	9	24	26

Maize.—Prices average 26 seers as compared with 25 seers in last fortnight and 15 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Rohtak ...	9	22	23
Ludhiána ...	16	29	29
Amritsar ...	14	28	29
Ráwalpindi ...	13	27	28
Bannu ...	16	43	43

duced.

curable.
not received.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt					
Districts.	Present fortnight ending 15th October 1898.		Past fortnight ending 30th September 1898.		Corresponding fortnight of 1897.	
	Wholesale	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C	Srs. C.
Hissar	11 0	11 0	11 0	11 0	11 4	11 0
Rohtak	12 0	12 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 4	12 0	12 0	11 8
Karnál	11 0	10 8	11 0	11 0	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	12 8	12 4
Simla	10 4	9 8	10 8	9 8	8 8	8 4
Kángra	*	11 0	*	10 0	*	10 0
Hoshiárpur	13 0	12 12	13 0	12 8	13 0	13 0
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	13 0	13 0	12 0	13 0	12 8
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	12 8	12 4	12 12	12 4	12 0	12 0
Jhang	12 4	12 0	12 4	11 12	12 4	12 0
Montgomery	12 12	12 8	13 12	12 8	12 12	12 8
Lahore	13 10	12 14	13 10	12 14	13 9	12 13
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 12
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	14 0	13 0	13 12	13 8	13 12	13 8
Shahpur	13 0	12 8	13 0	12 8	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	14 0	14 0	14 0	13 10	13 8
Hazára	*	11 8	*	11 8	*	11 0
Peshâwar	17 0	16 0	16 0	15 0	14 0	13 0
Kohát	19 4	15 4	19 4	15 4	17 0	14 4
Bannu	21 4	20 0	19 0	17 12	21 0	20 0
D. I. Khan (a)	...	...	14 4	13 12	16 0	15 0
D. G. Khan	11 14	11 4	10 10	10 5	‡	9 4
Muzaffargarh	12 8	12 0	12 10	12 0	12 8	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro
(a) Statement

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH OCTOBER 1898—concluded.

15			16			1	
THE ORDINARY SEER OF 80 TOLAS.							
Gur.			Cotton (unginned).				
Present fortnight ending 15th October 1898.	Past fortnight ending 3 th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1857.	DISTRICTS	REMARKS ON CURRENT VARIATIONS.
Srs. C	Srs. C.	Srs. C	Srs. C.	Srs. C	Srs. C.		
11 0	9 0	8 8	8 0	8 0	7 0	Hissar.	
11 0	9 8	9 8	10 0	11 0	10 0	Rohtak.	
9 0	9 0	8 8	9 0	9 0	9 0	Gurgaon.	
7 12	7 12	9 8	9 0	9 0	9 0	Delhi.	
10 0	10 0	10 0	11 0	11 0	10 0	Karnál.	
8 8	8 8	9 0	11 0	11 0	8 0	Umballa.	
5 0	5 0	5 8	†	†	†	Simla.	
6 0	6 0	6 0	6 0	6 0	6 0	Kángra.	
8 8	7 8	7 8	10 0	10 0	10 0	Hoshiárpur.	
7 8	7 0	8 0	11 0	11 0	10 0	Jullundur.	
7 8	6 8	7 0	9 8	9 0	7 0	Ludhiána.	
7 12	7 12	6 12	8 4	7 12	7 12	Ferozepore.	
8 0	7 12	7 0	9 0	9 0	7 8	Mooltan.	
8 8	8 0	7 8	12 0	12 0	10 0	Jhang.	
7 4	7 8	7 8	10 0	10 0	‡	Montgomery.	
8 0	7 8	7 4	10 2	9 12	9 0	Lahore.	
8 0	7 8	7 12	9 12	9 12	8 12	Amritsar.	
9 0	8 8	8 8	9 0	9 0	9 0	Gurdáspur.	
10 0	9 0	8 8	8 0	8 0	7 4	Siálkot.	
7 0	8 0	7 0	9 0	9 0	8 0	Gujrát.	
9 0	8 0	8 0	10 0	10 0	8 0	Gujránwála.	
7 8	7 8	8 0	10 0	10 0	10 0	Shahpur.	
8 8	8 8	8 8	‡	‡	‡	Jhelum.	
7 12	7 12	7 12	8 12	8 12	8 12	Ráwalpindi.	
7 0	6 12	6 8	§	§	§	Hazára.	
6 2	6 5	6 10	9 10	9 10	9 0	Pesháwar.	
7 0	7 9	6 0	11 8	11 8	11 8	Kohát.	
10 3	9 11	10 0	8 12	8 12	10 0	Bannu.	
...	8 8	8 10	...	‡	10 0	D. I. K. (a)	
6 4	6 4	6 4	§	§	§	D. G. Khan.	
6 8	7 8	8 8	11 0	11 0	8 0	Muzaffargarh.	

sale salt sold.
duced.

curable.
not received.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS

1	2	3	4	5	6	7	8	9	10	11	12
	WHOLESALE PRICE PER MAUND OF 82$\frac{2}{7}$ lbs.										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi	2 8 0	3 10 2	2 5 8	1 10 2	1 11 3	2 0 10	1 9 7	2 0 10	2 15 5	4 0 0	3 5 4
Ferozepore ...	1 6 10	4 0 0	2 3 7	1 6 10	1 11 10	2 0 0	1 6 10	1 13 1	3 10 2	4 0 0	5 0 0
Mooltan	1 6 0	2 6 9	2 9 3	1 12 0	1 9 7	2 0 0	1 7 8	2 3 0	...	4 7 0	6 10 8
Lahore	1 8 8	3 1 3	2 1 9	1 2 0	1 12 5	1 13 1	1 7 9	1 11 9	3 4 3	3 5 4	3 5 4
Amritsar	1 8 2	3 3 2	2 0 0	1 1 4	...	...	...	1 9 9	...	3 1 3	3 3 2
Ráwalpindi ...	1 11 10	5 13 4	2 3 6	1 6 1	1 5 6	1 12 9	1 7 0	2 0 0	3 10 2	3 4 0	3 10 [illegible]

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH OCTOBER 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
OR 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.
20 0 0	5 0 0	5 0 0	10 10 8	34 9 8	2 10 8	8 0 0	12 4 11	...	0 6 5	0 10 8	0 9 2	125 0 0	60
5 0 0	5 0 0	5 0 0	12 4 11	35 8 0	2 10 8	5 0 0	13 5 4	47 8 0	0 4 6	0 5 3	0 4 0	75 0 0	50
3 10 2	5 0 0	4 13 6	12 5 0	32 0 0	3 2 9	10 0 0	13 5 4	...	0 4 11	0 7 0	...	70 0 0	50
4 10 2	4 11 3	4 13 7	12 8 9	33 11 0	2 5 6	7 11 5	12 4 11	32 8 0	0 10 8	0 6 9	...	112 8 0	100
...	4 7 1	...	12 0 0	...	2 2 7	...	...	...	...	0 6 1	...	...	85
5 0 0	4 7 0	5 0 0	14 8 0	29 1 6	2 7 3	4 0 0	14 0 0	29 0 0	0 4 0	0 9 2	0 4 0	60 0 0	60

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

PUBLIC WORKS DEPARTMENT

Irrigation Operations of Fasl Kharif

Canals.	Water distributed during September 1898. Depth in Canal at regulating gauge. Full supply.	Actual throughout.	Gross consumption, cubic feet per second. Designed full supply.	Actual average throughout.
1	2	3	4	5
MAJOR IRRIGATION WORKS.				
Swat River Canal	6·00	5·80	700	731
Total ...	...	...	700	731
Western Jumna Canal. At Dádupur	7·00	6·90	6,178	6,022
Main Line, Major Distributaries	...	...	500	452
Sirsa Branch	...	5·90	1,800	1,689
Delhi Branch	...	6·60	1,850	1,490
Hánsi Branch	...	6·80	2,150	1,725
Loss in Main Line	...	...	...	568
Total utilized ...	...	...	...	5,924
Escapage (including Canal Tail)	...	...	...	98
Total ...	...	...	6,178	6,022
Bari Doab Canal. Main Canal (Head Gauge, Rapid No. 2)	3·63	3·79	3,555	3,815
Salampur Feeder	4·00	3·40	1,445	1,247
Total entering Canal ...	...	...	5,000	5,062
Kasúr Branch Lower at Tarsika	5·40	5·25	536	574
Sobraon Branch at Gagarbhana	4·95	3·71	437	472
Main Line and Main Branch Upper Distributaries ...	...	...	...	355
Main Branch Lower	4·58	4·40	2,245	2,135
Lahore Branch	2·69	2·77	920	1,016
Absorption in Main Line and Kasúr Branch Upper ...	...	...	...	473
Total utilized ...	...	...	...	5,025
Escapage	...	...	...	37
Total ...	...	...	5,000	5,062
Sirhind Canal. Main Line	9·43	10·29	6,000	6,863
Abohar Branch	5·96	6·86	2,052	2,341
Bhatinda Branch	5·97	5·97	1,788	1,674
Feeders	9·30	9·53	2,160	2,301
Loss in Main Line	...	...	...	375
Total utilized ...	...	...	...	6,691
British Escapes	...	...	...	172
Total ...	...	...	6,000	6,863
Carried over ...	...	...	...	...

PUNJAB, IRRIGATION BRANCH.

of 1898 *up to* 30*th September* 1898.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average	During month.	Name.	Area irrigated *during* September 1898.	Area irrigated *to end of* September 1898	Area irrigated *to end of* Septr. 1897.	
6	7	8	9	10	11	12	13	14	15
Peshâwar ...	48,007	12	0·66	1·6[illegible]	Sugarcane ...	...	1,829	1,904	Canal ran throughout the month. Area irrigated is largest on record, and 14,750 acres above the average of 12 years.
					Rice ...	...	328	311	
					Cotton ...	29	3,755	2,886	
					Indigo ...	...	..	...	
					Maize ...	3,401	36,623	29,130	
					Jowár and chari.	101	1,256	1,505	
					Miscellaneous	352	4,216	9,617	
...	48,00[illegible]	...	...	...	...	3,883	48,007	45,353	
Umballa ...	1,903		4·02	7·2[illegible]	Sugarcane ...	84	81,876	73,799	Ran the full month with good supply and high demand. Great decrease due to deficient supply in spring.
Karnál ...	60,15[illegible]		2·13	2·11	Rice ...	3,340	30,818	41,98[illegible]	
Rohtak ...	59,81[illegible]	20	1·7[illegible]	2·6[illegible]	Cotton ...	4,[illegible]77	70,13[illegible]	137,255	
Delhi ...	32,690		2·64	1·1[illegible]	Indigo ...	393	8,195	34,344	
Hissar ...	65,802		1·[illegible]9	1·1[illegible]	Maize ...	917	1,641	1,253	
Jínd ...	16,453		2·52	1·1[illegible]	Jowár and chari.	10,818	15,023	39,599	
Bikanir ...	144	...	...	...	Miscellaneous	12,49[illegible]	47,065	81,281	
Kalsia ...	992	...	...	...					
Patiála ...	16,7[illegible]6	6	2·9[illegible]	0·8[illegible]					
...	254,751	...	...	...	...	33,025	254,751	409,520	
Gurdáspur ...	27,649		2·27	5·48	Sugarcane ...	*— 398*	26,28	26,876	Canal ran throughout the month. The area irrigated is above the average of last three years.
Amritsar ...	118,900	19	2·21	1·38	Rice ...	10,387	81,50[illegible]	70,836	
Lahore ...	190,[illegible]60		2·1[illegible]	0·[illegible]9	Cotton ...	831	60,157	81,501	
					Indigo ...	...	1	14	
					Maize ...	23,828	72,091	73,954	
					Jowár and chari.	8,401	45,910	66,057	
					Miscellaneous	*— 17,938*	50,954	55,858	
...	336,90[illegible]	...	...	...	...	25,111	336,909	375,096	
Ludhiána ...	23,61	15	2·78	2·45	Sugarcane ...	41	9,615	7,396	Canal ran for 29 days.
Ferozepore ...	123,479		1·6[illegible]	0·58	Rice ...	817	2,451	1,842	
Hissar ..	56[illegible]	...	...	...	Cotton ...	1,517	17,737	18,656	
Farídkot State	22,44[illegible]	...	...	...	Indigo ...	12	1,012	961	
Patiála " ..	[illegible]0,475				Maize ...	38,439	109,54[illegible]	90,700	
Nábha " ...	19,21[illegible]	15	2·66	1·16	Jowár and chari.	35,394	88,195	123,415	
Jínd " ...	7,63[illegible]				Miscellaneous	7,733	60,104	136,484	
Kalsia " ...	1,23[illegible]	...	...	...					
...	288,65[illegible]	...	...	...	...	[illegible]3,953	* 288,659	379,454	
...	928,3[illegible]	...	...	...	...	145,972	928,326	1,209,423	

* Includes the following areas irrigated by Native States Branches, *viz.*—

	During Septr. 1898.	To end of Septr. 1898.	To end of Septr. 1897.
Patiála State	33,200 acres.	71,538 acres.	76,135 acres
Nábha "	4,165 "	8,538 "	9,295 "
Jínd "	2,093 "	7,087 "	9,335 "
Total ...	39,458 "	87,163 "	94,766 "

Irrigation Operations of Fasl Kharíf

Canals.		Water distributed during September 1898.			
		Depth in Canal at regulating gauge.		Gross consumption, cubic feet per second.	
		Full supply.	Actual throughout.	Designed full supply.	Actual average throughout.
1		2	3	4	5
	Brought forward ...	...	...	...	...
MAJOR IRRIGATION WORKS—concluded.					
Chenab Canal.	Main Line	9·60	10·03	8,313	6,344
	Kot Nikka Branch	5·00	...	324	329
	Mián Ali Branch	6·15	7·65	805	910
	Rakh Branch	5·00	6·05	1,122	1,317
	Jhang Branch, Upper	9·00	8·2[illegible]	1,522	1,206
	Jhang Branch, Lower	7·00	5·30	726	725
	Bhawána Branch	6·00	5·30	434	368
	Gugera Branch (for construction only)	...	...	2,986	851
	Distributaries of Main Line	...	...	394	396
	Loss in Main Line	...	...	...	189
	Total Main Line ...	...	...	...	6,291
	Escapage	...	...	...	53
	Total ...	...	...	8,313	6,344
Lower Sohag and Para Canal		7·00	5·60	1,420	1,021
	Total ...	...	...	1,420	1,021
Sidhnai Canal		7·00	5·60	1,600	906
Subsidiary Canals		...	...	520	398
	Total ...	...	...	2,120	1,304
Abstract—Major Irrigation Works—					
	Swat River Canal	...	...	700	731
	Western Jumna Canal	...	...	6,178	6,022
	Bári Doáb Canal	...	...	5,000	5,062
	Sirhind Canal	...	...	6,000	6,853
	Chenab Canal	...	...	8,313	6,344
	Lower Sohág and Pára Canal	...	...	1,420	1,021
	Sidhnai Canal	...	...	2,120	1,304
	Total ...	...	...	...	...

of 1898 *up to* 30*th September* 1898—continued.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* September 1898.	Area irrigated *to end of* September 1898.	Area irrigated *to end of* September 1897.	Remarks.
6	7	8	9	10	11	12	13	14	15
...	928,326	...	...	...	...	145,972	928,326	1,209,423	
Gujránwála ...	110,737	11	0·70	0·73	Sugarcane ...		27,914	23,405	Canal ran throughout the month. The temporary irrigation is from channels under construction.
Jhang ...	231,114	11	0·73	0·67	Rice ...	2,504	23,453	25,007	
					Cotton ...	109	106,320	109,727	
Temporary irrigation in Jhang, Lahore and Montgomery.	35,924	...	...	...	Indigo ...	...	...	...	
					Maize ...	4,439	35,857	21,675	
					Jowár and chari.	19,882	77,818	88,346	
					Miscellaneous	8,544	70,489	64,880	
					Temporary Irrigation.	35,924	35,924	...	
...	377,775	...	...	...	...	71,406	(*a*) 377,775	333,040	
Montgomery	34,556	5	0·55	0·90	Sugarcane ...	...	254	285	Deficiency due to low river in May and June.
					Rice ...	...	1,960	1,181	
					Cotton ...	4	3,979	13,377	
					Indigo ...	...	..	17	
					Maize ..	100	3,367	2,022	
					Jowár and chari.	517	8,342	10,049	
					Miscellaneous	2,394	16,654	14,099	
...	34,556	...	...	...	...	3,015	34,556	41,030	
Mooltan ...	69,301	36	0·67	0·98	Sugarcane ...	40	242	675	
					Rice ...	277	629	10,651	
					Cotton ...	362	1,802	51,451	
					Indigo ...	39	127	2,946	
					Maize ...	1,382	2,308	839	
					Jowár and chari.	11,220	21,312	19,880	
					Miscellaneous	— *2,218*	42,881	25,584	
...	69,301	...	...	...	...	11,102	69,301	112,026	
...	48,007	...	...	...	...	3,883	48,007	45,353	
...	254,751	...	...	...	...	33,025	254,751	409,520	
...	336,909	...	...	...	...	25,111	336,909	375,096	
...	288,659	...	...	...	...	83,957	288,659	379,454	
...	377,775	...	...	...	...	71,406	377,775	333,040	
...	34,556	...	...	...	...	3,015	34,556	41,030	
...	69,301	...	...	...	...	11,102	69,301	112,026	
...	1,409,958	...	...	...	...	231,495	1,409,958	1,695,519	

(*a*) Of this 123,572 acres are free of charge.

Irrigation Operations of Fasl Kharíf

CANALS.	WATER DISTRIBUTED DURING SEPTEMBER 1898.			
	Depth in Canal at regulating gauge.		*Gross consumption, cubic feet per second.*	
	Full supply.	Actual throughout.	Designed full supply.	Actual average throughout.
1	2	3	4	5
Total Major Irrigation Works brought forward ...	...	...	...	...
MINOR IRRIGATION WORKS.				
UPPER SUTLEJ CANALS. Katora Canal ...	7·00	4·90	685	424
Khánwah " ...	7·00	4·90	1,290	718
Upper Sohág " ...	7·00	4·40	1,540	981
Total ...	...	...	3,515	2,123
SHAHPUR CANALS (IMPERIAL). Eastern Station Canal ...	6·00	0·40	350	10
Western " " ...	6·00	2·40	200	58
Sáhiwál Canal ...	8·00	0·80	550	30
Total ...	...	...	1,100	98
LOWER SUTLEJ AND CHENAB CANALS ...	...	...	...	...
INDUS CANALS ...	...	...	...	...
MUZAFFARGARH CANALS ...	...	...	...	...
GHAGGAR CANALS. Northern Canal Head ...	7·00	3·80	566	199
Southern Canal Head ...	6·50	3·90	434	184
Minor Channels ...	...	...	100	28
Total utilized ...	...	...	1,100	411
Bikanir Border.				
Northern Canal ...	6·00	2·30	283	55
Southern Canal ...	5·00	2·40	217	60
Total Bikanir ...	...	...	500	115
Utilized British Territory ...	...	...	600	296
Total ...	...	...	1,100	411
ABSTRACT—MINOR IRRIGATION WORKS— Upper Sutlej Canals ...	...	...	3,515	2,123
Shahpur Canals (Imperial) ...	...	...	1,100	98
Lower Sutlej and Chenab Canals ...	...	...	...	...
Indus Canals ...	...	...	...	...
Muzaffargarh Canals ...	...	...	...	...
Ghaggar Canals ...	...	...	1,100	411
Total ...	...	...	...	...
SHAHPUR CANALS (PROVINCIAL). Ráiwah West Canal ...	7·00	1·20	520	43
" East " ...	7·00	1·00	300	22
Corbynwah Canal ...	5·00	0·60	113	9
Total ...	...	...	933	74
Total Major Irrigation Works ...	...	...	...	...
Total Minor Irrigation Works ...	...	...	...	...
TOTAL MAJOR & MINOR IRRIGATION WORKS (IMPERIAL)	...	...	...	...
Shahpur Canals (Provincial) ...	...	...	...	...
GRAND TOTAL ...	...	...	...	...

LAHORE:
The 25th October 1898.

of 1898 *up to* 30*th September* 1898—concluded.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck	Average.	During month.	Name.	Area irrigated *during* September 1898.	Area irrigated *to end of* September 1898.	Area irrigated *to end of* Septr 1897.	
6	7	8	9	10	11	12	13	14	15
...	1,409,958	...	...	...	...	231,495	1,409,958	1,695,519	
					Sugarcane ...	6	277	361	Deficiency due to low river in May and June.
Lahore ..	27,84	5	1·0	0·27	Rice ...	396	10,357	12,628	
					Cotton ..	345	8,637	26,896	
Montgomery	50,74	...	...	...	Indigo ...	30	3	24	
					Maize ...	304	3,580	3,444	
					Jowár & chari	1,302	22,049	26,859	
					Miscellaneous	3,683	33,650	29,757	
...	78,585	...	...	...	...	6,066	78,585	99,969	
Shahpur ..	30,734	1	0·50	0·89	Sugarcane ...	...	75	71	The river has been unfavourable to these Canals. The figures for last year are kharíf only, while those for current year include area watered for rabi.
					Rice ...	...	281	...	
					Cotton ...	...	2,821	11,399	
					Indigo ...	...	...	...	
					Maize ...	...	...	6	
					Jowár & chari	18	2,321	2,449	
					Miscellaneous	2,837	25,236	6,493	
...	30,734	...	...	...	...	2,855	30,734	20,418	
Mooltan ...	189,232	36	0·51	0·4	...	1,055	189,232	240,020	
D. G. Khan ..	178,375	1	0·5	3·67	...	23,439	178,375	197,580	
Muzaffargarh	247,767	5	0·2	1·05	...	43,006	247,767	251,518	
Hissar ..	12,396	...	...	...	Sugarcane ...	...	...	...	River supply entering lake increased slowly up to the middle from when it decreased steadily. It was never high, however, at any time. Demand keen.
Bikanir State	8,067	...	...	...	Rice ...	...	7,319	2,915	
					Cotton ...	...	40	...	
					Indigo ...	...	...	...	
					Maize ...	* −3,668	63	...	
					Jowár & chari	23	315	4	
					Miscellaneous	4,182	12,726	4,734	
...	20,463	...	...	...	...	537	20,463	7,653	
...	78,585	...	...	...	...	6,066	78,585	99,969	
...	30,734	...	...	...	...	2,855	30,734	20,418	
...	189,232	...	...	...	...	1,055	189,232	249,920	
...	178,375	...	...	...	...	23,439	178,375	197,580	
...	247,767	...	...	...	...	43,006	247,767	251,518	
...	20,463	...	...	...	...	537	20,463	7,653	
...	745,156	...	...	...	...	77,018	745,156	827,058	
Shahpur ...	20,598	18	0·74	1·34	Sugarcane ...	...	105	48	The river has been unfavourable to these canals. The figures for last year are kharíf only, while those for current year include area watered for rabi.
					Rice ...	...	828	...	
					Cotton ..	...	503	1,983	
					Indigo ...	...	...	...	
					Maize	...	...	23	
					Jowár & chari	2	731	1,240	
					Miscellaneous	950	18,431	8,465	
...	20,598	...	...	...	...	952	20,598	11,768	
...	1,409,958	...	...	...	...	231,495	1,409,958	1,695,519	
...	745,156	...	...	...	...	77,018	745,156	827,058	
...	2,155,114	...	...	...	...	308,513	2,155,114	2,522,577	
...	20,598	...	...	...	...	952	20,598	11,768	
...	2,175,712	...		...	...	309,465	2,175,712	2,534,345	

* Due to exclusion of 3,668 acres of bájra erroneously included in Maize instead of in Miscellaneous.

L. M. JACOB,
Under Secretary to Government, Punjab,
P. W. D., Irrigation Branch.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 8th October 1898 *on* 162·24 *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs	Rs. A. P.	Rs A. P.	Rs A P.			
Total traffic for the week	(a)163 1	(a)17,430 0 0	75,489 30	13,354 8 0	50 0 0	30,834 8 0	7,731	3,627	11,358
Or per mile of Railway	...	107 7 0	...	82 5 0	0 4 11	190 0 11	...	...	...
For previous 13 6/7 weeks of half-year	*227,333	*1,91,064 11 0	† 730,478 3	†1,11,490 10 0	‡707 0 0	3,03,262 5 0	94,125	38,782	132,907
Total for 14 6/7 weeks ...	243.674	2,08,494 11 0	805,968 20	1,24,845 2 0	757 0 0	3,34,096 13 0	101,856	42,409	144,265
COMPARISON.									
Total for corresponding week of previous year ...	16,669½	21,553 9 5	67,559 20	13,196 5 0	117 13 6	34,867 11 11	7,6°4	4,777	12,461
Per mile of Railway corresponding week of previous year	...	132 13 7	...	81 5 5	0 11 8	214 14 8	...	...	...
Total for corresponding 14 6/7 weeks of previous year ...	240,354½	2,94,365 8 6	1,126,622 10	1,73,173 6 10	1,377 4 0	4,68,916 3 4	115,672	61,365	177,037

(a) The decrease is chiefly due to the running in the corresponding period of 1897 of two special trains—one for the M ıh irána of Dholpur and the other for Government bullocks.

* Added No. of passengers 115 and deducted Rs. 724 }
† Deducted Mds 2,774 and " 396 } on account of diffe e ıce betwee ı the Approximate and Audited figures for the week ended 3rd September 18)8.
‡ Do. " 5 }

EAST INDIAN RAILWAY,
AUDIT OFFICE,
The 13*th October* 1898.

[illegible]. BASHFORD,
Acting Chief Auditor.

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF AUGUST 1898.

Month.	Documents registered.			Total collections, inclusive of copying fees.	Total expenditure, inclusive of that paid out of copying fees.	Remarks.
	Compulsory.	Optional. Relating to immoveable property.	Optional. Others.			
				Rs.	Rs.	
August 1898	8,367	3,873	863	31,976	10,227	
August 1897	10,636	6,547	959	40,611	11,367	
Difference ...	— 2,269	— 2,674	— 96	— 8,635	— 1,140	
First 5 months of 1898-99	49,430	20,267	3,841	1,80,165	54,804	
First 5 months of 1897-98	63,504	30,319	4,374	2,29,159	62,265	
Difference ...	— 14,074	— 10,052	— 533	— 48,994	— 7,461	

OFFICE OF INSPR.-GENL. OF REGTN., PUNJAB,
LAHORE :
The 6th October 1898.

C. G. PARSONS, CAPTAIN,
Offg. Inspector-General of Registration, Punjab.

Punjab Government Press, Lahore—27-10-98—690.

No. 44 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, NOVEMBER 3, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 1st NOVEMBER 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	..	1. Sufficient ... 2. Good.	Wheat 17 seers ... Bájra 19 seers. Gram 20 seers.	Crops withered throughout greater part of the district. Canal crops ready for cutting. Outturn expected to be good.	Sowings on irrigated land in progress.
2	Delhi ...	...	1. Getting scarce. 2. Fair.	Wheat 16½ seers Gram 19½ seers. Bájra 19 seers.	Reapings over. Outturn below average.	Crops in fair condition.
3	Umballa ...	...	1. Sufficient ...	Wheat 19 seers... Gram 21 seers. Maize 28 seers.	Harvesting nearly completed ...	Sowings in progress.
4	Jullundur ...	...	2. Fair ...	Wheat 20 seers ... Gram 23¼ seers. Barley 28 seers. Maize 28 seers.	Reapings commenced ...	Sowings continue.
5	Ferozepore ...	...	1. Sufficient ... 2. Good.	Wheat 19 seers ... Gram 23 seers. Barley 30 seers. Jowár 26 seers. Bájra 26 seers. Maize 24 seers.	Harvesting in progress ...	Ploughings and sowings continue.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	...	Wheat 16¾ seers...	Crops in good condition ...	Sowings in progress. Canals nearly dry.
7	Lahore ...	...	1. Sufficient ...	Wheat 17 to 20 seers. Maize 28 seers.	Reapings going on. Irrigated crops average, but unirrigated crops have largely dried up.	Sowings in progress.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 20 seers ... Maize 31 seers.	Crops being harvested ...	Sowings in progress.
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 19 to 20 seers. Rice 13 to 14 seers.	Threshing of rice and maize continue. Outturn average.	Sowings continue.
10	Shahpur ...	...	1. Scarce ...	Wheat 17 to 20 seers. Bájra 20 to 25 seers.	Outturn below average ...	Sowings commenced. Rain wanted.
11	Ráwalpindi ...	...	1. Sufficient ...	Wheat 18 seers ... Bájra 23 seers. Maize 27 seers.	Prospects average. Crops are cut and cleaned.	Sowings completed.
12	Peshāwar ...	...	1. Sufficient ... 2. Good.	Wheat 15¾ seers Maize 26 seers.	Condition of standing crops good	Wheat and barley still being sown.
13	D. I. Khan ...	...	1. Procurable... 2. Fair.	Wheat 20¾ seers Bájra 24⅝ seers.	Condition of standing crops average in Tánk, Kuláchi and Leiah; below average in Bhakkar, but a failure in the Dera Tahsíl.	...

GENERAL REMARKS.

Rainfall.—Nil.

Prices—Rising in Jullundur, Mooltan, Shahpur and Dera Ismail Khan; falling in Siálkot, Ráwalpindi and Peshāwar; unchanged elsewhere. Wheat is selling from 15¾ to 20¾, gram 19½ to 23¼, barley 28 to 30, bulrush millet 19 to 25, maize 24 to 31, great millet 26 and rice 13 to 14 seers per rupee.

Agricultural operations.—Harvesting of autumn crops in progress. Ploughings and sowings of spring crops going on Rain wanted.

Crops and outturn.—Condition and prospect of standing crops are generally reported good to average. Autumn crops have generally failed in the unirrigated lands of Hissar and Lahore, and there is a total failure in one of the Dera Ismail Khan Tahsíls.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient in all districts, except Delhi and Shahpur, where it is getting scarce.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 15TH OCTOBER 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	13	12	25	9	4	5	...	...	...	6	1	...	2	2	...	2	77	28	1
2		Hansi ...	15,190	10	10	20	8	1	7	...	...	...	3	1	...	4	...	1	1	69	27	2
3		Bhiwani ...	35,487	22	10	32	31	18	13	...	...	...	17	1	...	13	4	4	8	47	46	3
4		Sirsa ...	16,415	12	14	26	12	9	3	...	...	...	5	...	1	6	3	3	6	83	38	4
5	Rohtak ...	Rohtak ...	16,19[illegible]	9	8	17	7	4	3	...		...	4	.		3	2	1	3	55	23	5
6		Jhajjar ...	11,881	6	7	13	8	4	4	..		...	3	1	...	4	2	2	4	57	35	6
7	Gurgaon ...	Rewari ...	27,934	7	12	19	14	6	8	...	...	..	3	1	...	10	..	2	2	35	26	7
8		Palwal ...	11,227	10	7	17	13	8	5	..	...	...	8	1	..	4	4	1	5	79	60	8
9	Delhi ...	Delhi ...	189,64[illegible]	117	109	226	102	53	49	...	..	.	63	3	...	36	19	17	36	62	28	9
10		Sonepat ...	12,61[illegible]	9	10	19	5	2	3	..	...	...	3	...	...	2	...	2	2	79	21	10
11	Karnal ...	Karnal ...	21,530	16	16	32	21	7	14	...	...	...	13	4		4	2	4	6	77	51	11
12		Kaithal ...	15,768	11	10	21	11	4	7	..	...	...	4	1	...	6	1	4	5	69	36	12
13		Panipat ...	27,547	22	16	38	20	11	9	..	...		11	...	...	9	2	2	4	72	38	13
14		Shahabad ...	11,47[illegible]	4	3	7	5	1	4	..	...	...	2	...	...	3	...	1	1	32	23	14
15	Umballa ...	Umballa ...	26,856	18	16	34	21	11	10	...	..	...	13	1	..	7	3	2	5	66	41	15
16		Jagadhri ...	13,029	8	9	17	4	2	2	...	...	..	2	...	..	2	2	...	2	68	16	16
17		Sadhaura ...	10,445	3	4	7	5	1	4	...	...	...	5	...	..	...	...	...	...	35	25	17
18	Hoshiarpur	Hoshiarpur ...	17,546	7	8	15	9	7	2	..	..	...	3	2	...	4	4	1	5	45	27	18
19		Tanda and Urmar	11,632	5	3	8	10	1	9	...	...	...	9	...	...	1	...	2	2	36	45	19
20	Jullundur ...	Jullundur ...	50,375	24	23	47	30	19	11	...	...	...	14	4	...	12	9	3	12	49	31	20
21		Rahon ...	10,667	5	4	9	6	2	4	...	...	...	1	1	1	3	2	1	3	44	29	21
22		Kartarpur ...	10,441	4	5	9	7	5	2	...	...	...	2	2	...	3	2	...	2	45	35	22
23	Ludh[illegible]a ...	Ludhiana ...	46,024	23	25	48	31	18	13	...	...	...	16	1	...	14	3	5	8	54	35	23
24		Jagraon ...	18,116	7	6	13	6	2	4	...	...	...	...	1	...	5	...	1	1	37	17	24
25	Ferozepore ...	Ferozepore ...	25,337	12	10	22	13	7	6	..	...	...	8	1	...	4	2	2	4	45	27	25
26	Mooltan ...	Mooltan ...	64,265	26	37	63	40	17	23	...	..	...	18	8	...	14	7	14	21	51	32	26
27	Jhang ...	Maghiana ...	13,866	11	9	20	14	7	7	...	...	...	2	2	...	10	3	2	5	75	53	27
28		Chiniot ..	13,476	9	8	17	11	5	6	...	...	...	4	...	...	7	3	4	7	66	43	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	85	61	146	132	77	55	...	...	...	84	8	...	40	20	15	35	48	43	29
30		Kasur ...	20,290	14	7	21	8	6	2	...	...	...	3	...	...	5	2	1	3	54	21	30
31		Chunian ...	10,339	6	3	9	6	5	1	...	...	...	2	1	...	3	...	...	...	45	30	31
32	Amritsar ...	Amritsar ...	135,401	94	76	170	111	64	47	...	...	...	73	5	1	32	21	7	28	65	43	32
33	Gurdaspur ...	Batala ...	27,223	18	13	31	20	14	6	...	...	...	14	3	...	3	2	1	3	59	38	33
34	Sialkot ...	Sialkot ...	33,965	20	17	37	51	20	31	...	...	...	29	3	1	18	2	6	8	57	78	34
35	Gujrat ...	Gujrat ...	17,671	10	10	20	17	7	10	...	...	...	10	3	...	4	2	3	5	59	50	35
36		Jalalpur ...	11,065	7	8	15	22	11	11	...	...	...	9	8	...	5	1	1	2	71	104	36
37	Gujranwala...	Gujranwala ...	25,892	12	11	23	11	4	7	...	...	...	7	1	...	3	1	6	7	46	22	37
38		Wazirabad ...	15,786	6	4	10	28	15	13	...	...	...	20	5	...	3	5	7	12	33	92	38
39	Shahpur ...	Bhera ...	17,428	13	5	18	13	3	10	...	...	...	5	2	...	6	1	5	6	54	39	39
40	Jhelum ...	Pind Dadan Khan	15,055	11	3	14	10	4	6	...	...	...	6	3	...	1	...	...	...	48	35	40
41	Rawalpindi ...	Rawalpindi ...	38,334	10	10	20	37	20	17	...	...	...	16	6	1	14	7	6	13	27	50	41
42	Peshawar ...	Peshawar ...	63,079	13	14	27	38	22	16	...	...	...	29	3	1	5	7	3	10	22	31	42
43	Kohat ...	Kohat ...	14,347	5	2	7	9	6	3	...	...	...	8	1	...	...	...	2	2	25	33	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	7	10	17	11	7	4	...	...	...	3	3	...	5	3	2	5	41	27	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	10	4	14	14	9	5	...	...	...	10	2	...	2	...	1	1	31	31	45
	Grand Total	...	1,412,775	771	669	1,440	1,011	530	481	...	...	...	570	94	6	341	155	147	302	53	37	
	Hill Sanitaria.																					
	Simla	...	13,279	2	2	4	4	4	...	...	...	...	2	...	...	2	...	...	...	16	16	
	Dharmsala	...	2,778	1	1	2	1	1	...	...	...	...	1	...	...	...	...	...	...	38	19	
	Dalhousie	...	807	...	1	1	1	...	1	...	...	...	...	...	...	1	...	1	1	65	65	
	Murree	...	1,459	1	2	3	1	1	...	...	...	...	...	...	...	1	1	...	1	107	36	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 1st November 1898.

C. J. BAMBER, LIEUT-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 15TH OCTOBER 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 1,440 births were registered (771 males and 659 females), giving a birth-rate of 53 per *mille* of population; 1,011 deaths were registered (530 males and 481 females), giving a death-rate of 37 per *mille* of population.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 1st November 1898.

C. J. BAMBER, LIEUT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

NORTH-WESTERN RAILWAY.

Abstract of Principal Commodities carried over the North-Western Railway during the month of August 1898 *as compared with the same month of the previous year.*

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		No.	No.	No.	No.	
1	Animals ...	15,240	879	...	14,361	
		Tons.	Tons.	Tons.	Tons.	
2	Coal and coke ...	2,078	2,568	490	...	
3	Cotton, raw ...	1,190	824	...	366	
4	Cotton, manufactured—					
	(1) Twist and yarn, European ...	206	243	37	...	
	(2) Twist and yarn, Indian ...	237	394	157	...	
	(3) Piece-goods, European ...	995	1,432	437	...	
	(4) Piece-goods, Indian ...	1,311	1,462	151	...	
5	Drugs and chemicals—					
	(1) Intoxicating other than opium ...	45	40	...	5	
	(2) Non-intoxicating—					
	(a) Cinchona bark ...	...	...	...	...	
	(b) Others ...	471	541	70	...	
6	Dyes and tans—					
	(1) Indigo ...	82	97	15	...	
	(2) Myrabolams ...	18	20	2	...	
	(3) Cutch ...	1	2	1	...	
	(4) Turmeric ...	100	260	160	...	
	(5) Alizarine and aniline dyes ...	75	41	...	34	
	(6) Others ...	337	368	31	...	
7	Grain and pulse—					
	(1) Wheat ...	36,785	24,294	...	12,491	
	(2) Rice in the husk ...	417	257	...	160	
	(3) Rice not in the husk ...	4,728	5,991	1,263	...	
	(4) Jowár and bájra ...	6,854	4,480	...	2,374	
	(5) Gram and pulse ...	9,867	12,390	2,523	...	
	(6) Others ...	3,882	3,514	...	368	
8	Hides and skins—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	135	194	59	...	
	(b) Raw ...	645	466	...	179	
	(2) Skins of sheep—					
	(a) Dressed or tanned ...	6	12	6	...	
	(b) Raw ...	384	518	134	...	
9	Horns ...	18	24	6	...	
10	Jute—					
	(1) Raw ...	1	3	2	...	
	(2) Gunny bags and cloth ...	1,948	1,940	...	8	
11	Lac—					
	(1) Stick ...	1	2	1	...	
	(2) Shell ...	14	24	10	...	
12	Leather, manufactured ...	228	182	...	46	
13	Liquors—					
	(1) Beer ...	668	696	28	...	
	(2) Spirits ...	58	26	...	32	
	(3) Wines ...	250	272	22	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
14	Metals—					
	(1) Copper, unwrought ...	24	28	4	...	
	(2) Brass, unwrought ...	41	58	17	...	
	(3) Copper, wrought ...	45	80	35	...	
	(4) Brass, wrought ...	85	122	37	...	
	(5) Iron ...	2,292	2,968	676	...	
	(6) Others ...	211	168	...	43	
15	Oils—					
	(1) Kerosene ...	839	1,099	260	...	
	(2) Castor ...	18	15	...	3	
	(3) Cocoanut oil ...	26	22	...	4	
	(4) Others ...	299	403	104	...	
16	Oil-seeds—					
	(1) Linseed ...	74	123	49	...	
	(2) Rape and mustard ...	3,421	13,439	10,018	...	
	(3) Til or jinjili ...	459	202	...	257	
	(4) Poppy ...	22	66	44	...	
	(5) Earthnut ...	7	8	1	...	
	(6) Castor ...	...	9	9	...	
	(7) Cotton seed ...	1,719	1,896	177	...	
	(8) Others ...	862	3,726	2,864	...	
17	Opium ...	10	9	...	1	
18	Paper and paste-boards ...	172	203	31	...	
19	Provisions—					
	(1) Ghi ...	1,300	903	...	397	
	(2) Dried fruits ...	804	932	128	...	
	(3) Flour ...	4,476	3,439	...	1,037	
	(4) Others ...	1,831	1,821	...	10	
20	Railway Materials for Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders ...	...	...	...	...	
	(2) Carriages and Trucks ...	...	...	...	...	
	(3) Materials for construction—					
	(a) Wooden sleepers ...	47	148	101	...	
	(b) Other sorts ...	2,193	1,152	...	1,041	
21	Salt ...	6,749	8,524	1,775	...	
22	Saltpetre, &c.—					
	(1) Saltpetre ...	50	82	32	...	
	(2) Other saline substances ...	341	482	141	...	
23	Silk, raw—					
	(1) Foreign ...	21	29	8	...	
	(2) Indian ...	2	8	6	...	
24	Silk piece-goods—					
	(1) Foreign ...	5	9	4	...	
	(2) Indian ...	15	8	...	7	
25	Spices—					
	(1) Betelnut ...	29	57	28	...	
	(2) Pepper ...	35	37	2	...	
	(3) Ginger ...	14	20	6	...	
	(4) Chillies ...	93	152	59	...	
	(5) Cardamums ...	23	12	...	11	
	(6) Others ...	327	223	...	104	
26	Stone and lime ...	6,049	10,406	4,357	...	
27	Sugar—					
	(1) Refined ...	2,609	2,558	...	51	
	(2) Unrefined ...	2,483	4,617	2,134	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
28	Tea—					
	(1) Foreign ...	10	15	5	...	
	(2) Indian ...	290	243	...	47	
29	Timber ...	3,717	4,317	600	...	
30	Tobacco—					
	(1) Unmanufactured ...	858	1,443	585	...	
	(2) Manufactured—					
	(a) Cigars ...	11	15	4	...	
	(b) Others ...	83	139	56	...	
31	Wool, raw ...	715	1,163	448	...	
32	Wool, manufactured—					
	(1) Piece-goods, European ...	26	43	17	...	
	(2) Piece-goods, Indian ...	163	171	8	...	
	(3) Shawls ...	...	...	...	...	
33	All other articles of merchandise—					
	(1) Firewood ...	5,870	6,221	351	...	
	(2) Manures ...	2,920	2,179	...	741	
	(3) Fodder ...	2,737	1,039	...	1,698	
	(4) Lucifer matches ...	120	88	...	32	
	(5) Others ...	5,924	6,452	528	...	
		No.	No.	No.	No.	
	Total ... Animals ...	15,240	879	...	14,361	
		Tons.	Tons.	Tons.	Tons.	
	Total ... Goods ...	137,601	147,368	9,767	...	

LAHORE:
The 17th October 1898.

J. LIGHTFOOT,
Examiner of Accounts, North-Western Railway.

Punjab Government Press, Lahore—3-11-98—690.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, NOVEMBER 10, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 8th NOVEMBER 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 16 seers ... Gram 19 seers. Bájra 19 seers.	Failed for want of rain. Canal crops ripened.	Crops being sown on irrigated land.
2	Delhi ...	...	1. Getting scarce. 2. Fair.	Wheat 16½ seers Gram 19½ seers. Bájra 20 seers.	...	...
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 18 to 19 seers. Gram 20 to 21 seers. Maize 28 seers.	Cutting of crops over ...	Sowings in progress.
4	Jullundur ...	...	2. Good ...	Wheat 20½ seers Gram 23 seers. Barley 29 seers. Maize 28 seers.	Reapings continue ...	Sowings in progress.
5	Ferozepore ...	...	1. Sufficient ... 2. Good.	Wheat 19 seers ... Gram 23 seers. Barley 30 seers. Jowár 26 seers. Bájra 20 seers. Maize 24 seers.	Harvesting of crops nearly over ...	Ploughings and sowings in progress.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	...	Wheat 17 seers ...	Crops in good condition ...	Sowings in progress. Canals dry.
7	Lahore ...	...	1. Sufficient ... 2. Good.	Wheat 17¾ to 19½ seers. Maize 28 seers.	Reapings in progress. Crops on dry land have practically failed; canal-irrigated are average. Abi (flooded land) crops vary greatly in different parts, being average in some places and poor in others.	Sowings going on.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 20¼ seers Maize 28 seers.	Harvesting nearly completed ...	Sowings in progress.
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 17½ to 19 seers. Rice 13 to 14 seers.	Threshings continue ...	Sowings in progress.
10	Shahpur ...	...	1. Scarce ... 2. Fair.	Wheat 17¼ to 20 seers. Bájra 20 to 26 seers.	...	Rain much needed.
11	Ráwalpindi ...	0·07 in Murree ...	1. Sufficient ...	Wheat 17¾ seers Bájra 21 seers. Maize 26 seers.	Crops harvested ...	Prospects good.
12	Peshâwar ...	...	1. Sufficient ... 2. Good.	Wheat 15¾ seers Maize 25$\frac{5}{16}$ seers.	Condition of standing crops good...	Wheat and barley are being sown.
13	D. I. Khan ...	...	1. Procurable...	Wheat 19⅔ seers Bájra 22½ seers.	Harvesting in progress ...	Ploughings going on.

GENERAL REMARKS.

Rainfall.—Slight rain has fallen in parts of the Delhi and Ráwalpindi Districts.

Prices—Rising in Hissar, Lahore, Siálkot, Ráwalpindi and Dera Ismail Khan; falling in Jullundur, Mooltan and Amritsar; unchanged elsewhere.

Wheat is selling from 15¾ to 20½, gram 19 to 23, barley 29 to 30, bulrush millet 19 to 26, maize 24 to 28, great millet 26 and rice 13 to 14 seers per rupee.

Agricultural operations.—Harvesting of autumn crops generally going on. It has been nearly completed in Umballa, Ferozepore, Amritsar, and Ráwalpindi. Ploughings and sowings in progress. Rain is wanted in some districts.

Crops and outturn.—Condition and prospects of standing crops are generally reported good to average. Unirrigated autumn crops have mostly dried up in Hissar and Lahore for want of rain.

Agricultural stock.—Condition of cattle generally good.

Pasturage.—Fodder sufficient in all districts, except Delhi and Shahpur.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 22ND OCTOBER 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	11	9	20	13	4	9	.	...	...	6	...	...	7	3	4	7	62	40	1
2		Hansi ...	15,190	11	12	23	11	6	5	...	...	...	7	...	..	4	3	1	4	79	38	2
3		Bhiwani ...	35,487	20	23	43	23	11	12	...	...	...	9	...	...	14	6	2	8	63	34	3
4		Sirsa ...	16,415	15	6	21	18	8	10	..	...	...	12	1	...	5	1	2	3	67	57	4
5	Rohtak ...	Rohtak ...	16,19[illegible]	11	8	19	4	2	2	...			1	..	.	3	1	...	1	61	13	5
6		Jhajjar ...	11,881	12	12	24	9	3	6	.		...	2	2	...	5	1	3	4	105	39	6
7	Gurgaon ...	Rewari ...	27,934	17	7	24	10	2	8	...	...	.	4	1	...	5	1	3	4	45	19	7
8		Palwal ...	11,227	6	8	14	13	7	6	..	...	...	8	1	...	4	1	2	3	65	60	8
9	Delhi ...	Delhi ...	189,648	103	100	203	117	6	54	...	.	.	71	7	1	38	18	13	31	56	32	9
10		Sonepat ...	12,611	8	9	17	3	1	2	...	...	...	...	1	...	2	...	2	2	70	12	10
11	Karnal ...	Karnal ...	21,530	9	9	18	12	6	6	...	...	...	8	...	..	4	3	1	4	44	29	11
12		Kaithal ...	15,768	12	5	17	10	5	5	...	...	...	7	...	...	3	1	1	2	56	33	12
13		Panipat ...	27,547	12	16	28	16	11	5	...	...	...	5	2	...	9	3	1	4	53	30	13
14		Shahabad ...	11,473	7	3	10	6	2	4	...	...	...	3	...	...	3	...	3	3	45	27	14
15	Umballa ...	Umballa ...	26,856	11	10	21	16	7	9	...	...	...	10	1	...	5	3	2	5	41	31	15
16		Jagadhri ...	13,029	4	5	9	3	1	2	...	...	...	2	...	...	1	..	...	...	36	12	16
17		Sadhaura ...	10,445	5	6	11	5	2	3	...	...	...	4	...	...	1	...	...	...	55	25	17
18	Hoshiarpur	Hoshiarpur ...	17,546	10	7	17	18	7	11	..	..	...	7	4	1	6	1	3	4	51	53	18
19		Tanda and Urmar	11,632	5	5	10	12	4	8	...	...	...	10	1	...	1	...	2	2	45	54	19
20	Jullundur ...	Jullundur ...	50,375	27	27	54	31	21	10	...	...	...	11	3	2	15	8	6	14	56	32	20
21		Rahon ...	10,667	5	9	14	12	8	4	...	...	...	7	1	...	4	5	1	6	68	59	21
22		Kartarpur ...	10,441	10	4	14	3	2	1	...	...	...	1	2	...	...	2	...	2	70	15	22
23	Ludhiana ...	Ludhiana ...	46,024	20	19	39	40	22	18	...	...	...	10	9	...	21	3	5	8	44	45	23
24		Jagraon ...	18,116	17	3	20	12	8	4	...	..	...	1	1	...	10	5	...	5	58	35	24
25	Ferozepore ...	Ferozepore ...	25,337	10	8	18	21	11	10	.	..	...	11	...	...	10	3	1	4	37	43	25
26	Mooltan ...	Mooltan ...	64,265	54	32	86	44	28	16	...		...	26	8	...	10	9	8	17	70	36	26
27	Jhang ...	Maghiana ...	13,866	7	7	14	6	4	2	...	...	...	1	...	...	5	1	1	2	53	23	27
28		Chiniot ..	13,476	8	8	16	14	8	6	...	...	...	7	...	...	7	4	...	4	62	54	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Cause of Death. Plague.	Cause of Death. Small-pox	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	74	64	138	146	66	80	..	...	...	82	14	...	50	17	29	46	45	48	29
30		Kasur ...	20,290	6	14	20	11	7	4	...	...	...	5	1	...	5	3	1	4	51	28	30
31		Chunian ...	10,339	11	13	24	15	6	9	...	...	...	9	...	...	6	2	4	6	121	76	31
32	Amritsar ...	Amritsar ...	135,401	71	82	153	104	42	62	..	...	...	68	6	1	29	6	16	22	59	40	32
33	Gurdaspur ...	Batala ...	27,223	11	16	27	14	6	8	..	...	...	9	1	...	4	2	2	4	52	27	33
34	Sialkot ...	Sialkot ...	33,965	14	18	32	30	14	16	...	...	...	14	5	...	11	5	2	7	49	46	34
35	Gujrat ...	Gujrat ...	17,671	9	5	14	7	2	5	...	...	...	3	1	...	3	1	3	4	41	21	35
36		Jalalpur ...	11,065	13	5	18	8	3	5	...	...	...	1	1	...	6	1	2	3	85	38	36
37	Gujranwala...	Gujranwala ...	25,892	8	14	22	20	9	11	...	...	...	15	1	...	4	1	3	4	44	40	37
38		Wazirabad ...	15,786	9	2	11	25	13	12	...	...	...	18	...	...	7	3	3	6	36	83	38
39	Shahpur ...	Bhera ...	17,428	7	7	14	12	6	6	...	..	...	6	1	...	5	3	3	6	42	36	39
40	Jhelum ...	Pind Dadan Khan	15,055	3	11	14	9	5	[illegible]	...	...	...	6	2	...	1	...	...	...	48	31	40
41	Rawalpindi ...	Rawalpindi ...	38,334	12	16	28	38	24	14	...	...	...	30	2	...	6	4	4	8	38	52	41
42	Peshawar ...	Peshawar ...	63,079	17	15	32	29	15	14	...	...	...	24	1	...	4	2	4	6	26	24	42
43	Kohat ...	Kohat ...	14,347	5	4	9	13	6	7	...	...	...	9	...	...	4	...	1	1	33	47	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	10	15	25	23	15	8	...	...	...	7	4	...	12	9	4	13	60	56	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	8	7	15	16	9	7	...	...	...	13	...	...	3	2	2	4	33	35	45
	Grand Total	...	1,412,775	735	685	1,420	1,022	512	510	...	...	...	570	85	5	362	147	150	297	52	38	
	Hill Sanitaria.																					
	Simla ...	...	13,279	3	3	6	5	4	1	...	...	...	3	...	...	2	...	...	...	24	20	
	Dharmsala ...	...	2,778	2	2	4	3	1	2	...	...	...	1	...	...	2	...	1	1	75	56	
	Dalhousie ...	...	807	...	...	...	2	...	2	...	...	...	1	...	...	1	...	..	...	...	129	
	Murree ...	...	1,459	1	...	1	...	...	...	...	...	...	...	...	..	...	...	...	...	36	...	

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 8th November 1898.

C. J. BAMBER, Lieut.-Col., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 22ND OCTOBER 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 1,420 births were registered (735 males and 685 females), giving a birth-rate of 52 per *mille* of population; 1,022 deaths were registered (512 males and 510 females), giving a death-rate of 38 per *mille* of population.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 8th November 1898.

C. J. BAMBER, LIEUT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

QUANTITIES PER RUPEE BY THE

1	2			3			4			5		
DISTRICTS.	*Wheat.*			*Barley.*			*Rice (best sort).*			*Rice (commo*		
	Present fortnight ending 31st October 1898.	Past fortnight ending 15th October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st October 1898.	Past fortnight ending 15th October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st October 1898.	Past fortnight ending 15th October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st October 1898.	Past fortnight ending 15th October 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs	Srs.	Srs.	Srs.
Hissar ...	18	17	12	25	24	15	...	...	...	10	10	6
Rohtak ...	16	16	10	23	22	13	...	...	...	13	12	9
Gurgaon ...	16	16	11	24	23	17	...	...	...	11	8	7
Delhi ...	16	16	10	24	24	15	...	...	...	11	10	9
Karnál ...	17	18	11	28	28	14	...	...	...	12	12	8
Umballa ...	19	19	12	26	26	14	...	...	...	12	12	10
Simla ...	15	14	9	21	24	14	...	...	...	9	9	6
Kángra ...	20	20	13	28	24	18	...	...	...	15	15	11
Hoshiárpur ...	21	21	13	29	30	16	...	...	...	12	12	9
Jullundur ...	20	21	13	28	28	16	...	...	...	8	8	7
Ludhiána ...	20	21	12	30	33	16	...	...	...	10	10	8
Ferozepore ...	18	18	10	29	28	13	...	...	...	10	10	7
Mooltan ...	15	15	10	23	23	14	...	...	...	16	16	10
Jhang ...	19	20	12	26	25	16	...	...	...	12	12	9
Montgomery...	18	20	11	§	§	13	...	...	...	10	10	9
Lahore ...	18	18	11	34	34	16	...	...	...	12	12	8
Amritsar ...	19	19	11	35	36	16	...	...	...	11	12	8
Gurdáspur ...	20	21	13	40	40	17	...	...	...	13	13	10
Siálkot ...	19	19	11	32	33	15	...	...	...	14	13	9
Gujrát ...	20	19	11	28	28	14	...	...	...	12	11	7
Gujránwála ...	20	20	12	35	35	17	...	...	...	13	13	10
Shahpur ...	20	21	13	28	28	16	...	...	...	8	8	5
Jhelum ...	18	18	12	29	29	17	...	...	...	11	11	8
Ráwalpindi ...	18	18	11	28	29	15	...	...	...	8	8	7
Hazára ...	18	18	13	29	28	20	...	...	...	9	9	8
Peshâwar ...	15	15	11	28	27	14	...	...	...	9	9	7
Kohát ...	16	16	9	24	24	12	...	...	...	12	12	8
Bannu ...	21	21	12	36	36	18	...	...	...	12	12	9
D. I. Khan ...	19	...	11	24	...	14	...	...	...	8	...	6
D. G. Khan ...	17	16	10	20	20	14	...	...	...	13	13	8
Muzaffargarh	17	18	12	24	24	13	...	...	...	15	15	10

† Not pro

§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST OCTOBER 1898.

ORDINARY SEER OF 80 TOLAS.

6			7			1	
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*				
Present fortnight ending 31st October 1898.	Past fortnight ending 15th October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st October 1898.	Past fortnight ending 15th October 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
20	20	16	18	18	19	Hissar.	
22	22	20	20	18	17	Rohtak.	
22	22	14	21	20	18	Gurgaon.	
23	23	12	19	19	16	Delhi.	
26	25	16	20	20	16	Karnál.	
28	25	15	22	21	11	Umballa.	
20	20	9	15	16	11	Simla.	
†	†	†	†	†	†	Kángra.	
22	25	19	18	19	12	Hoshiárpur.	
24	24	14	19	19	9	Jullundur.	
25	27	12	22	22	9	Ludhiána.	
23	23	13	20	20	16	Ferozepore.	
24	24	16	19	19	13	Mooltan.	
28	26	17	26	18	18	Jhang.	
§	§	§	§	§	†	Montgomery.	
22	22	17	20	21	15	Lahore.	
27	25	12	21	21	11	Amritsar.	
28	24	11	11	11	11	Gurdáspur.	
31	31	§	§	§	§	Siálkot.	
24	22	10	24	22	11	Gujrát.	
32	32	14	24	24	11	Gujránwála.	
20	20	16	20	20	14	Shahpur.	
21	21	12	22	23	14	Jhelum.	
29	29	10	23	22	12	Ráwalpindi.	
§	§	§	16	16	§	Hazára.	
35	35	15	19	19	11	Pesháwar.	
§	§	§	24	22	12	Kohát.	
41	41	16	26	28	17	Bannu.	
23	...	19	23	...	14	D. I. Khan.	
21	21	15	22	23	14	D. G. Khan.	
20	20	13	21	21	14	Muzaffargarh.	

duced.
curable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	8			9			10			11		
	QUANTITIES PER RUPEE BY											
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Z[illegible] Mays).*		
DISTRICTS.	Present fortnight ending 31st October 1898.	Past fortnight ending 15th October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st October 1898.	Past fortnight ending 15th October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st October 1898.	Past fortnight ending 15th October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st October 1898.	Past fortnight ending 15th October 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	22	22	13	†	†	15
Rohtak ...	†	†	†	10	10	10	20	19	11	24	23	12
Gurgaon ...	†	†	†	†	†	†	20	19	11	23	22	14
Delhi ...	†	†	†	12	12	13	19	19	10	24	24	16
Karnál ...	25	25	10	8	8	7	20	19	9	25	26	16
Umballa ...	§	§	§	16	16	12	21	21	11	28	28	20
Simla ...	18	18	13	10	10	9	16	16	10	24	24	16
Kángra ...	§	§	§	‡	‡	‡	21	18	10	30	30	20
Hoshiárpur ...	20	20	14	15	12	12	23	23	11	25	28	19
Jullundur ...	§	§	§	19	19	12	23	23	11	28	27	16
Ludhiána ...	†	†	†	16	16	15	23	24	11	27	29	19
Ferozepore ...	†	†	†	16	16	14	23	22	10	29	28	16
Mooltan ...	†	†	†	18	18	10	18	18	9	26	26	16
Jhang ...	28	24	16	32	28	20	19	20	10	32	32	20
Montgomery ...	§	§	§	§	§	†	22	22	11	§	§	14
Lahore ...	§	§	§	24	24	18	22	22	10	27	26	16
Amritsar ...	§	§	†	20	21	16	23	24	10	29	29	16
Gurdáspur ...	§	§	§	16	12	12	22	24	10	28	24	18
Siálkot ...	§	§	§	§	§	§	20	20	11	22	§	14
Gujrát ...	†	†	†	20	§	6	23	20	10	23	22	11
Gujránwála ...	†	†	†	24	24	12	22	22	10	24	24	16
Shahpur ...	24	24	14	16	16	14	25	25	12	16	16	16
Jhelum ...	‡	‡	‡	‡	‡	‡	21	21	10	22	22	15
Ráwalpindi ...	‡	‡	‡	16	16	10	20	20	10	27	28	13
Hazára ...	†	†	†	§	§	§	15	15	9	25	25	17
Pesháwar ...	†	†	†	18	18	14	18	18	9	25	27	16
Kohát ...	†	†	†	§	†	§	19	19	8	24	23	11
Bannu ...	13	13	13	7	7	7	27	26	10	43	43	15
D. I. Khan ...	§	...	§	‡	...	4	22	...	11	31	...	10
D. G. Khan ...	§	§	§	§	§	§	19	18	10	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	18	18	10	§	§	§

† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST OCTOBER 1898—continued.

THE ORDINARY SEER OF 80 TOLAS.

12			13			1	
...hur or Thur, ...adjan Pea (*Cajanus Indicus*).			*Firewood.*				
Present fortnight ending 31st October 1898.	Past fortnight ending 15th October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st October 1898.	Past fortnight ending 15th October 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
†	†	†	100	100	100	Hissar.	
18	18	10	120	120	120	Rohtak.	
19	19	11	130	130	160	Gurgaon.	
22	22	11	90	90	100	Delhi.	
15	16	8	160	160	160	Karnál.	
§	§	§	160	160	145	Umballa.	
8	8	7	80	80	60	Simla.	
14	12	8	100	100	100	Kángra.	
8	8	8	120	120	130	Hoshiárpur.	
§	§	§	90	90	110	Jullundur.	
11	11	7	110	110	100	Ludhiána.	
11	11	7	90	90	100	Ferozepore.	
†	†	†	90	90	110	Mooltan.	
7	7	8	160	160	160	Jhang.	
§	§	‡	250	250	310	Montgomery.	
11	12	7	89	89	90	Lahore.	
‡	‡	§	90	90	100	Amritsar.	
§	§	§	100	100	120	Gurdáspur.	
§	§	§	110	110	130	Siálkot.	
†	†	†	140	140	110	Gujrát.	
‡	‡	8	95	95	95	Gujránwála.	
†	†	†	160	160	160	Shahpur.	
‡	‡	‡	120	120	120	Jhelum.	
‡	‡	‡	62	60	60	Ráwalpindi.	
†	†	†	81	81	81	Hazára.	
16	16	10	58	54	53	Peshéwar.	
†	†	†	108	82	51	Kohát.	
5	5	5	70	70	60	Bannu.	
‡	...	4	110	...	125	D. I. Khan.	
§	§	§	100	100	100	D. G. Khan.	
‡	‡	‡	140	140	140	Muzaffargarh.	

Firewood.—Prices average 113 seers as compared with 112 seers in last fortnight and 117 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Seers.	Seers.	Seers.
Gurgáon	...	160	130	130
Jullundur	...	110	90	90
Montgomery	...	310	250	250
Gujrát	...	110	140	140
Kohát	...	51	82	108

duced.

curable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt.					
Districts.	Present fortnight ending 31st October 1898.		Past fortnight ending 15th October 1898.		Corresponding fortnight of 1897.	
	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	11 0	11 0	11 0	11 0	11 4	11 0
Rohtak	11 0	11 0	12 0	12 0	11 0	11 0
Gurgaon	12 0	11 4	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 4	12 0	12 0	11 8
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	12 8	12 4
Simla	10 0	9 8	10 4	9 8	9 0	8 4
Kángra	*	11 0	*	11 0	*	11 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 4	13 0
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	12 0	13 0	13 0	13 0	12 12
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	12 8	12 4	12 8	12 4	12 0	12 0
Jhang	12 4	12 0	12 4	12 0	*	10 0
Montgomery	12 12	12 8	12 12	12 8	12 12	12 8
Lahore	13 10	12 14	13 10	12 14	13 2	12 10
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 12
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	14 0	13 0	14 0	13 0	13 12	13 8
Shahpur	13 8	13 0	13 0	12 8	13 8	13 0
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	14 0	14 0	14 0	13 10	13 8
Hazára	*	11 8	*	11 8	*	11 0
Peshávar	17 0	16 0	17 0	16 0	13 0	12 0
Kohát	19 12	15 15	19 4	15 4	15 2	14 0
Bannu	22 8	20 10	21 4	20 0	21 4	20 0
D. I. Khan	16 8	16 0	...	...	16 0	15 0
D. G. Khan	11 9	11 4	11 14	11 4	11 4	10 0
Muzaffargarh	12 6	12 0	12 8	12 0	12 0	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 31ST OCTOBER 1898—concluded.

THE ORDINARY SEER OF 80 TOLAS.

15			16			1
Gur.			Cotton (unginned).			
Present fortnight ending 31st October 1898.	Past fortnight ending 15th October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 31st October 1898.	Past fortnight ending 15th October 1898.	Corresponding fortnight of 1897.	Districts.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	
11 0	11 0	8 8	8 0	8 0	8 0	Hissar.
11 0	11 0	9 0	10 0	10 0	10 0	Rohtak.
10 0	9 0	8 8	9 8	9 0	9 0	Gurgaon.
7 12	7 12	7 0	9 12	9 0	9 0	Delhi.
11 0	10 0	10 0	12 0	11 0	10 0	Karnál.
8 8	8 8	9 0	11 0	11 0	8 0	Umballa.
10 0	5 0	5 8	†	†	†	Simla.
6 0	6 0	6 0	6 0	6 0	6 0	Kángra.
7 8	8 8	6 8	9 8	10 0	10 0	Hoshiárpur.
7 8	7 8	8 0	11 0	11 0	10 0	Jullundur.
6 8	7 8	7 8	9 0	9 8	7 0	Ludhiána.
7 12	7 12	7 12	10 8	8 4	7 12	Ferozepore.
8 0	8 0	7 0	9 0	9 0	7 0	Mooltan.
9 0	8 8	8 0	11 8	12 0	10 0	Jhang.
8 0	7 4	8 0	10 0	10 0	‡	Montgomery.
7 8	8 0	7 0	10 2	10 2	8 10	Lahore.
7 12	8 0	7 4	9 12	9 12	8 12	Amritsar.
9 0	9 0	8 0	9 0	9 0	8 0	Gurdáspur.
10 0	10 0	8 8	9 0	8 0	8 0	Siálkot.
8 0	7 0	7 0	9 0	9 0	8 0	Gujrát.
9 0	9 0	8 8	10 0	10 0	8 0	Gujránwála.
8 0	7 8	8 0	10 0	10 0	10 0	Shahpur.
8 4	8 8	8 8	9 0	‡	‡	Jhelum.
7 12	7 12	7 12	8 12	8 12	8 12	Ráwalpindi.
7 0	7 0	6 8	§	§	§	Hazára.
6 10	6 12	6 2	9 10	9 10	8 12	Peshawar.
7 8	7 0	6 2	11 8	11 8	11 8	Kohát.
10 3	10 3	10 12	8 12	8 12	10 0	Bannu.
8 8	...	8 12	‡	...	10 0	D. I. Khan.
6 4	6 4	6 4	10 10	§	§	D. G. Khan.
7 8	6 8	8 8	10 0	11 0	8 0	Muzaffargarh.

sale salt sold.
duced.

curable.

REMARKS ON CURRENT VARIATIONS.

Lahori Salt.—Prices average 12 seers 4 chatáks as compared with 12 seers 6 chatáks in last fortnight and 12 seers 3 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Umballa ...	12 4	12 12	12 12
Ludhiána ...	12 12	13 0	12 0
Jhang ...	10 0	12 0	12 0
Ráwalpindi ...	13 8	14 0	14 0

Kohát Salt.—Prices average 15 seers 15 chatáks as compared with 15 seers 10 chatáks in last fortnight and 14 seers 3 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Peshâwar ...	12 0	16 0	16 0
D. G. Khan ...	10 0	11 4	11 4

Gur.—Prices average 8 seers 4 chatáks as compared with 8 seers 3 chatáks in last fortnight and 7 seers 13 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Hissar ...	8 8	11 0	11 0
Ludhiána ...	7 8	7 8	6 8
Gurdáspur ...	8 0	9 0	9 0
Siálkot ...	8 8	10 0	10 0
Kohát ...	6 2	7 0	7 8
Muzaffargarh ...	8 8	6 8	7 8

Cotton (unginned).—Prices average 9 seers 12 chatáks as compared with 9 seers 4 chatáks in last fortnight and 8 seers 12 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Umballa ...	8 0	11 0	11 0
Ferozepore ...	7 12	8 4	10 8
Mooltan ...	7 0	9 0	9 0
Gujránwála ...	8 0	10 0	10 0
Bannu ...	10 0	8 12	8 12
Muzaffargarh	8 0	11 0	10 0

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS

1	2	3	4	5	6	7	8	9	10	11	12
	WHOLESALE PRICE PER MAUND OF 82⅞ lbs.										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi	2 8 0	3 5 4	2 5 6	1 10 2	1 11 3	2 0 10	1 9 7	2 0 10	2 15 5	4 0 0	3 5 4
Ferozepore ...	1 6 10	4 0 0	2 3 7	1 6 1	1 11 10	2 0 0	1 6 1	1 11 10	3 10 2	4 0 0	5 0 0
Mooltan	1 6 0	2 6 9	2 10 0	1 12 0	1 9 7	2 0 0	1 7 8	2 3 0	...	4 7 0	3 10 [illegible]
Lahore	1 8 0	3 8 0	2 1 11	1 1 8	1 12 5	1 15 3	1 6 10	1 11 10	3 6 4	3 4 3	3 4 3
Amritsar	1 10 8	3 5 4	2 0 10	...	...	...	...	1 10 8	...	...	3 3 [illegible]
Rávalpindi ...	1 11 10	5 13 4	2 4 0	1 7 0	1 5 6	1 11 9	1 7 9	1 15 3	3 10 2	3 7 0	3 10 0

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 31ST OCTOBER 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
OR 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs A. P
20 0 0	5 0 0	5 0 0	10 10 8	32 0 0	2 10 8	8 0 0	12 4 11	...	0 9 2	0 10 8	0 10 8	125 0 0	60 0
5 0 0	5 0 0	5 0 0	12 0 0	35 8 0	2 13 9	5 0 0	13 5 4	45 0 0	0 5 3	0 6 5	0 5 3	75 0 0	50 0
6 10 8	5 0 0	4 11 0	12 5 0	32 0 0	3 3 1	...	13 5 4	...	0 4 11	0 7 0	0 8 0	70 0 0	50 0
4 10 2	4 3 4	5 2 7	12 8 9	33 11 0	2 7 9	7 11 5	12 4 11	32 0 0	0 10 8	0 6 9	...	112 8 0	100 0
...	4 7 1	...	...	...	2 4 0	...	...	...	...	0 6 1	...	...	85 0
5 0 0	4 7 0	5 0 0	14 8 0	29 1 6	2 8 0	4 0 0	14 0 0	32 0 0	0 4 0	0 9 2	0 5 4	60 0 0	60 0

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of September 1898 *as compared with the same month of the previous year.*

	Staples.	Total 1898.	Total 1897.	Increase.	Decrease.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
I	Coal and Coke carried for the Public and Foreign Railways	2,409	3,174	...	765	
II	Cotton, Raw—					
	(1) Full pressed	208	298	...	90	
	(2) Intermediate and half pressed ...	1	...	1	...	
	(3) Unpressed	244	142	102	...	
III	Cotton, Manufactured—					
	(1) Twist and Yarn, European ...	252	176	76	...	
	(2) Twist and Yarn, Indian ...	790	616	174	...	
	(3) Piece-goods, European ...	1,516	1,123	393	...	
	(4) Piece-goods, Indian	913	1,143	...	230	
IV	Drugs and Chemicals—					
	(1) Intoxicating other than opium ...	4	2	2	...	
	(2) Non-intoxicating—					
	(a) Cinchona bark	...	1	...	1	
	(b) Others	16	7	9	...	
V	Dyes and Tans—					
	(1) Indigo	35	10	16	...	
	(2) Myrabolams	15	23	...	8	
	(3) Cutch	3	10	...	7	
	(4) Turmeric	64	46	18	...	
	(5) Aniline dyes	136	60	76	...	
	(6) Others	167	180	...	13	
VI	Grain and Pulse—					
	(1) Wheat	8,629	12,450	...	3,821	
	(2) Rice in the husk	33	576	...	543	
	(3) Rice not in the husk	2,234	1,600	615	...	
	(4) Jowár and Bájra	11,025	1,509	9,516	...	
	(5) Gram and Pulse	4,601	6,332	...	1,731	
	(6) Others	10,298	7,475	2,823	...	
VII	Hides and Skins—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	93	162	...	69	
	(b) Raw	141	162	...	21	
	(2) Skins of sheep, &c.—					
	(a) Dressed or tanned ...	31	17	14	...	
	(b) Raw	148	181	...	33	
VIII	Horns	39	6	33	...	
IX	Jute—					
	(1) Raw	102	22	80	...	
	(2) Gunny bags and cloth	1,024	745	279	...	
X	Lac—					
	(1) Stick	10	22	...	12	
	(2) Shell	5	2	3	...	
XI	Leather, Manufactured	50	23	27	...	
XII	Liquors—					
	(1) Beer	189	146	43	...	
	(2) Spirits	1	...	1	...	
	(3) Wines	58	49	9	...	
XIII	Metals—					
	(1) Copper, unwrought	66	45	21	...	
	(2) Brass, unwrought	271	229	42	...	
	(3) Copper, wrought	103	30	73	...	
	(4) Brass, wrought	114	139	...	25	
	(5) Iron	1,414	1,544	...	130	
	(6) Others	271	135	136	...	
XIV	Oils—					
	(1) Kerosene	650	675	...	25	
	(2) Castor	20	20	...	...	
	(3) Cocoanut	11	160	...	149	
	(4) Others	118	212	...	94	

	Staples.	Total 1898.	Total 1897.	Increase.	Decrease.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
XV	Oil-seeds—					
	(1) Linseed	370	329	41	...	
	(2) Rape and Mustard	3,282	2,308	974	...	
	(3) Til or Jinjili	167	132	35	...	
	(4) Poppy	864	90	774	...	
	(5) Earthnuts	2	...	2	...	
	(6) Castor	640	197	443	...	
	(7) Others	2,406	901	1,505	...	
XVI	Opium	469	71	398	...	
XVII	Paper and Paste-board	52	46	6	...	
XVIII	Provisions—					
	(1) Ghi	350	466	...	116	
	(2) Dried Fruits and Nuts ...	349	392	...	43	
	(3) Others	771	1,349	...	578	
XIX	Railway Plant and Rolling Stock carried for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders and parts thereof	77	...	77	...	
	(2) Carriages and trucks and parts thereof	123	13	110	...	
	(3) Materials—					
	(a) Steel rails and fish plates ...	2,373	793	1,580	...	
	(b) Sleepers and keys of steel and cast iron	1,332	102	1,230	...	
	(c) Other sorts	2,557	2,343	214	...	
XX	Salt	19,578	14,854	4,724	...	
XXI	Saltpetre, &c.—					
	(1) Saltpetre	314	275	39	...	
	(2) Other saline substances ...	67	43	24	...	
XXII	Silk, Raw—					
	(1) Foreign	34	39	...	5	
	(2) Indian	...	...	...	...	
XXIII	Silk Piece-Goods—					
	(1) Foreign	2	4	...	2	
	(2) Indian	1	...	1	...	
XXIV	Spices—					
	(1) Betelnuts	49	56	...	7	
	(2) Pepper	21	30	...	9	
	(3) Ginger	19	15	4	...	
	(4) Chillies	125	118	7	...	
	(5) Cardamoms	5	1	4	...	
	(6) Others	172	162	10	...	
XXV	Stone and Lime	1,544	1,399	145	...	
XXVI	Sugar—					
	(1) Refined or crystallized, including sugarcandy.	2,866	3,144	...	278	
	(2) Unrefined, *viz.*, molasses and jaggery or gur and other saccharine produce.	2,031	1,973	58	...	
XXVII	Tea—					
	(1) Foreign	18	3	15	...	
	(2) Indian	12	28	...	16	
XXVIII	Timber	554	623	...	69	
XXIX	Tobacco—					
	(1) Unmanufactured	887	812	75	...	
	(2) Manufactured—					
	(a) Cigars	7	12	...	5	
	(b) Other sorts	74	81	...	7	
XXX	Wool, Raw	818	180	638	...	
XXXI	Wool, Manufactured—					
	(1) Piece-goods, European ...	32	13	19	...	
	(2) Piece-goods, Indian	19	46	...	27	
	(3) Shawls	...	...	...	...	
XXXII	All other articles of merchandise—					
	(1) Firewood	379	366	13	...	
	(2) Hay and Grass	7	281	...	274	
	(3) Mowra flowers and seeds ...	370	33	337	...	
	(4) Others	10,778	11,120	...	342	
	Total ...	105,479	86,940	28,084	9,545	
	Net Increase ...	...	...	18,539	...	

Traffic Audit Office,
Ajmere:
The 25th October 1898.

A. WARREN JONES,

Acting Chief Auditor and Accountant.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 15th October 1898 on 162·24 miles open.

	Coaching Traffic.		*Merchandise and Mineral Traffic.*				*Traffic train-miles run.*		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	17,020	15,890 3 0	69,644 10	12,499 3 0	54 0 0	28,443 6 0	7,909	3,598	11,507
Or per mile of Railway	...	97 15 1	...	77 0 8	0 5 4	175 5 1	...	...	...
For previous $14\frac{2}{7}$ weeks of half-year	*242,651	*2,07,498 11 0	† 814,098 20	†1,24,965 2 0	‡763 0 0	3,33,226 13 0	101,856	42,409	144,265
Total for $15\frac{2}{7}$ weeks ...	259,671	2,23,388 14 0	883,742 30	1,37,464 5 0	817 0 0	3,61,670 3 0	109,765	46,007	155,772
COMPARISON.									
Total for corresponding week of previous year ...	15,831½	16,573 1 2	75,944 0	16,185 8 0	123 15 6	32,882 8 8	7,090	4,298	11,388
Per mile of Railway corresponding week of previous year.	...	102 2 5	...	99 12 2	0 12 3	202 10 10	...	...	...
Total for corresponding $15\frac{3}{7}$ weeks of previous year ...	256,186	3,10,938 9 8	1,202,566 10	1,89,358 14 10	1,501 3 6	5,01,798 12 0	122,762	65,663	188,425

* Deducted No. of passengers 1,023 and Rs. 996 }
† Added Mds. 8,130 and " 120 } On account of difference between the Approximate and Audited figures for the week ended 10th September 1898.
‡ Do. " 6 }

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 20th October 1898.

J. A. MARSHALL,
for *Ag.* *Chief Auditor.*

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 22nd October 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	17,113	(a) 19,454 9 0	65,369 10	10,954 3 0	54 0 0	30,462 12 0	6,969	3,234	10,203
Or per mile of Railway	...	119 14 7	...	67 8 4	0 5 4	187 12 3	...	...	...
For previous $15\frac{2}{7}$ weeks of half year	259,671	2,23,388 14 0	883,742 30	1,37,464 5 0	817 0 0	3,61,670 3 0	109,765	46,007	155,772
Total for $16\frac{2}{7}$ weeks ...	276,784	2,42,843 7 0	949,112 0	1,48,418 8 0	871 0 0	3,92,132 15 0	116,734	49,241	165,975
Comparison.									
Total for corresponding week of previous year ...	16,060	24,940 6 4	81,499 0	16,973 3 0	91 9 6	42,005 2 10	7,573	3,290	10,863
Per mile of Railway corresponding week of previous year.	...	153 11 7	...	104 9 11	0 9 0	258 14 6	...	...	...
Total for corresponding $16\frac{2}{7}$ weeks of previous year ...	272,246	3,35,879 0 0	1,284,065 10	2,06,332 1 10	1,593 13 0	5,43,803 14 10	130,335	68,953	199,288

(a) The decrease is chiefly in Military traffic.

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 27th October 1898.

J. A. MARSHALL,
for *Acting Chief Auditor.*

Punjab Government Press, Lahore—10-11-98—690.

No. 46 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, NOVEMBER 17, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 15th NOVEMBER 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharff (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 16 seers ... Gram 22 seers. Bájra 19 seers.	Crops failed. Canal crops ripened.	Sowings on irrigated land in progress.
2	Delhi ...	...	1. Getting scarce. 2. Fair.	Wheat 16½ seers Gram 19½ seers. Bájra 20 seers.	...	...
3	Umballa ...	...	2. Good ...	Wheat 19 to 20 seers. Maize 18½ seers. Gram 21 to 21½ seers.	Threshing in progress ...	Sowings nearly completed.
4	Jullundur ...	...	2. Fair ...	Wheat 21 seers. Gram 23 seers. Barley 30 seers. Maize 29 seers.	Threshing commenced ...	Sowings continue.
5	Ferozepore ...	...	1. Sufficient ... 2. Good.	Wheat 18 seers ... Barley 28 seers. Maize 28 seers. Gram 24 seers. Jowár 22 seers. Bájra 20 seers.	Harvesting over ...	Sowings in progress.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	...	Wheat 17½ seers...	Crops in good condition ...	Sowings in progress. Canals dry.
7	Lahore ...	...	1. Sufficient ... 2. Good.	Wheat 18 to 20 seers. Maize 29 to 30 seers.	Reapings in progress. Crops dependent on rain have practically failed. Canal-irrigated crops are average and well irrigated crops below average	Sowings going on.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 20 seers ... Maize 30 seers.	Crops being harvested. Condition of crops good.	Sowings in progress.
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 17½ to 19 seers. Rice 13 to 14 seers.	Picking of cotton and pressing of sugarcane commenced. Crops on some of the rabi lands are attacked by insect called Toka (grass-hopper).	...
10	Shahpur ...	...	1. Scarce ...	Wheat 18 to 21 seers. Bájra 22 to 26 seers.	...	Rain badly wanted.
11	Ráwalpindi ...	...	1. Sufficient ...	Wheat 17¾ seers Bájra 21 seers. Maize 26 seers.	...	Prospects good.
12	Pesháwar ...	...	1. Sufficient ... 2. Good.	Wheat 15¾ seers Maize 26⅝ seers.	Condition of standing crops good...	Wheat and barley still being sown.
13	D. I. Khan ...	...	1. Procurable... 2. Good.	Wheat 21 seers ... Bájra 22½ seers.	Harvesting of crops in progress ...	Ploughings and sowings going on.

GENERAL REMARKS.

Rainfall.—Nil.

Prices—Especially of wheat rising in Ferozepore and Amritsar; falling in Umballa, Jullundur, Mooltan, Lahore, Shahpur and Dera Ismail Khan; stationary elsewhere.

Wheat is selling from 15¾ to 21, gram 19½ to 24, barley 28 to 30, bulrush millet 19 to 26, maize 18½ to 30, great millet 22 and rice 13 to 14 seers per rupee.

Agricultural operations.—Harvesting of autumn crops, picking of cotton and pressing of sugarcane are in progress. Ploughings and sowings of spring crops going on. Rain is urgently wanted in some districts.

Crops and outturn.—Condition of standing crops is generally reported good to average. Unirrigated autumn crops have mostly failed for want of rain in Hissar and Lahore.

Damage done to crops.—Crops have been slightly damaged by grass-hoppers in parts of Siálkot.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient in all districts, except Delhi and Shahpur.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING SEPTEMBER 1898.

Station.	Pressure.		Wind.		Temperature in shade.									
	Barometer at 8 A. M.	Variation from normal.	Mean direction and force in September 1898.	Normal direction and force in September.	8 A. M.	Mean maximum.	Variation from normal.	Mean minimum.	Variation from normal.	Mean monthly variation from normal.	Humidity.	Vapour tension.	Amount of cloud (10 overcast).
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Delhi ...	29·681	— ·004	S. 6° W. 4	N. 32° W. 4	81·8	94·0	+ 1·4	77·3	+ 0·8	+ 1·1	68	·742	4
Sirsa ...	29·675	0	S. 24° W. 8*	N. 79° W. 4	84·1	101·0	+ 2·8	77·6	+ 2·6	+ 2·7	56	·663	3
Umballa ...	29·692	0	N. 25° E. 1	... ...	77·2	91·2	0	73·1	0	0	86	·811	4
Ludhiána ...	29·687	— ·009	S. 26° E. 2	N. 40° W. 1	78·8	92·9	— 1·9	75·2	+ 0·3	— 0·8	78	·770	4
Lahore ...	29·668	— ·008	S. 87° E. 3	N. 60° E. 2	82·1	96·5	— 0·3	76·8	+ 3·9	+ 1·8	68	·750	1
Montgomery ...	29·650	— ·013	S. 29° W. 8	... ...	85·7	102·2	+ 0·6	76·9	+ 0·9	+ 0·8	53	·657	1
Siálkot ...	29·692	+ ·011	N. 56° E. 3	N. 39° E. 2	78·7	92·1	— 3·2	73·2	— 0·1	— 1·7	80	·793	3
Ráwalpindi ...	29·680	— ·009	N. 22° E. 2	S. 40° E. 1	73·8	89·7	— 3·7	68·3	— 0·4	— 2·1	81	·692	5
Khusháb ...	29·671	0	N. 60° E. 9	... ...	82·8	99·1	0	75·3	0	0	62	·705	2
Pesháwar ...	29·657	— ·018	N. 12° W. 2	N. 41° E. 3	79·1	94·2	— 1·5	71·5	+ 1·5	0	71	·704	3
Dera Ismail Khan	29·654	— ·011	N. 70° E. 3	S. 88° E. 2	83·1	99·1	— 0·7	76·6	+ 1·2	+ 0·3	69	·787	0
Mooltan ...	29·644	— ·023	S. 19° W. 3	S. 32° W. 3	84·4	101·8	+ 2·1	79·1	+ 1·7	+ 1·9	66	·766	1
Simla ...	23·097	0	N. 44° E. 4	S. 78° W. ...	58·7	65·3	— 2·4	55·5	— 1·6	— 2·0	76	·383	4
Murree ...	23·778	— ·040	N. 24° E. 5	S. 52° E. 5	61·7	70·8	— 3·1	57·8	— 1·1	— 2·1	73	·409	3
Srinagar ...	24·838	0	S. 45° E. 4	... ...	59·6	79·5	0	52·6	0	0	86	·454	4
Gulmarg (a) ...	21·836	0	S. 80° E. 3	... ...	56·6	65·8	0	45·8	0	0	81	·377	4
Skardu ...	?	0	N. 73 W. 8	... ...	61·3	80·3	0	59·3	0	0	75	·399	3
Dras ...	20·749	0	W. 7	... ...	53·3	73·3	0	38·5	0	0	60	·244	3
Cherát ...	25·619	0	S. 19° E. 8	... ...	70·0	82·2	0	64·0	0	0	72	·521	4

(a) Mean of 15 days.
* " 26 "

The weather during the September under review was of the normal character, and the rainfall of the month over a considerable part of the Punjab was abundant and well distributed. At the beginning of the month the barometer was low over the west of the Province, and a series of depressions from the Bay carried the Bay monsoon current well up into North-western India, so that from the 1st to the 10th good general rain was received over the Punjab. On the 11th the weather cleared, and no rain was reported from any station, but between the 12th and the 15th the usual thunder showers which ordinarily mark the close of the rains were experienced more particularly over the hill and sub-montane districts of the Province. On the 16th the weather again cleared, and with the exception of slight thunder showers at Umballa, Ludhiána, Ráwalpindi and Murree the weather was very fine right up to the 26th. On the 27th thunder showers again occurred at Siálkot, Ráwalpindi, Pesháwar and Murree, and these showers continued during the next two days in the extreme west and north-west of the Province. On the last day of the month the weather again cleared.

Pressure and Winds.—With the doubtful exception of Siálkot, the mean pressure of the month was a trifle below the normal average at most of the plains stations. It was exactly normal at Simla and in moderate defect at Murree. The wind was more southerly than usual over the south and south-east of the Province and more northerly than usual over the north-west of the Province. The mean force was about the average.

Humidity and Cloud.—During the first half of the month the air was damp, though the cloud proportion was not very high, but on the 16th humidity began to fall, and the fall continued until the thunder-storm period at the end of the month. The mean results for the whole month were about a normal humidity, but a low cloud proportion.

Temperature.—The mean temperature of the whole month exhibited irregular variations from the normal. On the hills as well as at Ráwalpindi and Siálkot the weather was cooler than usual; at Ludhiána, Montgomery, Pesháwar and Dera Ismail Khan the heat was about normal, and at Delhi, Sirsa, Lahore and Mooltan it was more or less excessive. Both the day and night temperatures were excessive over the south-east and south of the Province and were in defect of the normal on the hills and in the submontane districts, while elsewhere they were about the average. At Sirsa, Montgomery and Mooltan the mean of the day or maximum temperatures exceeded 100°.

The following table gives (1) the variation from the normal of the mean temperature of the Punjab for each day of the month, and (2) the highest maximum temperature registered in the Province on each day, with the name of the station at which it was registered:—

Date.	Variation from normal of mean temperature of Province during previous 24 hours.	Highest maximum temperature recorded in previous 24 hours.	Station at which recorded.	Date.	Variation from normal of mean temperature of Province during previous 24 hours.	Highest maximum temperature recorded in previous 24 hours.	Station at which recorded.
1	2	3	4	1	2	3	4
1898.				1898.			
September 1st ...	+ 2·6	109·4	Mooltan.	September 16th ...	— 3·9	94·8	Sirsa.
" 2nd ...	+ 2·8	111·4	Do.	" 17th ...	— 1·1	99·3	Do.
" 3rd ...	+ 1·0	106·9	Do.	" 18th ...	— 0·3	103·8	Do.
" 4th ...	+ 2·0	105·4	Do.	" 19th ...	— 1·2	101·3	Do.
" 5th ...	+ 3·4	104·0	Montgomery.	" 20th ...	— 0·4	101·3	Do.
" 6th ...	+ 1·5	104·7	Dera Ismail Khan.	" 21st ...	— 0·2	101·3	Khusháb.
" 7th ...	+ 1·8	104·5	Montgomery.	" 22nd ...	+ 0·4	101·8	Do.
" 8th ...	+ 2·0	105·0	Do.	" 23rd ...	+ 0·7	101·8	Sirsa.
" 9th ...	+ 0·7	105·0	Do.	" 24th ...	+ 1·3	102·0	Montgomery.
" 10th ...	+ 2·3	106·0	Do.	" 25th ...	+ 2·2	102·3	Khusháb.
" 11th ...	+ 2·9	107·5	Do.	" 26th ...	+ 1·2	103·5	Montgomery.
" 12th ...	+ 3·0	108·5	Do.	" 27th ...	+ 1·3	103·8	Sirsa.
" 13th ...	+ 0·2	108·4	Mooltan.	" 28th ...	— 0·4	102·8	Do.
" 14th ...	— 1·6	104·9	Do.	" 29th ...	— 3·1	100·0	Montgomery.
" 15th ...	— 3·0	103·4	Do.	" 30th ...	— 5·5	94·8	Sirsa.

From the 1st to the 13th the heat of the whole Province exceeded the average; it then fell and remained low until the 21st, when it again went above the normal for six days. For the last three days the mean temperature again fell below the average, the last day of the month being, relatively to the normal, the coolest day during the month. Maxima exceeding 100° were recorded on all days except the 16th, 17th and 30th.

Rain.—Rain was received at all stations during the month and was heavier than usual at six stations, *viz.* Dera Ismail Khan, Pesháwar, Murree, Ráwalpindi, Siálkot and Montgomery. The excess was very large at Ráwalpindi and moderate at Siálkot and Murree. The deficiency was considerable over the south-east and centre of the Province, amounting to over 3″ at Simla and Delhi and to over 1″ at Cherát, Lahore and Ludhiána.

The following table gives the rainfall data for the Punjab stations for September 1898:—

Station.	Normal average rainfall in September.	Actual rainfall in September 1898.	Difference from the average in September 1898.
1	2	3	4
	Inches.	Inches.	Inches.
Punjab, West.			
Mooltan	0·42	0·35	—0·07
Dera Ismail Khan	0·23	0·59	+0·36
Khusháb	1·41	0·41	—1·00
Pesháwar	0·64	1·41	+0·77
Murree	6·16	8·13	+1·97
Srinagar	2·85	2·45	—0·40
Gulmarg*	0	2·07	0
Skardu	0·03	? 5·08	?+5·05
Dras	0·63	2·51	+1·88
Cherát	2·61	0·86	—1·75
Ráwalpindi	3·13	10·78	+7·65
Siálkot	3·11	5·69	+2·58
Lahore	2·49	0·65	—1·84
Montgomery	0·99	1·21	+0·22
Punjab, East.			
Umballa	5·31	4·46	—0·85
Ludhiána	4·38	3·30	—1·08
Simla	6·56	2·72	—3·84
Delhi	4·23	1·04	—3·19
Sirsa	1·79	1·23	—0·56

* Rainfall of 15 days.

SIMLA:
The 14th October 1898.

W. L. DALLAS,
Meteorological Reporter to Government, Punjab.

TABLE OF RAINFALL RECORDED AT STATIONS IN THE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, South.	Hissar.	Sirsa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fatahabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hissar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hansi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Budhlada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jind State.	Dhaneta *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Safidan *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jind *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bikaner State.	Chhani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ferozepore.	Moga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Zira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ferozepore Sadr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ferozepore City	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muktsar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fazilka	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nathana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jalalabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Govindgarh *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phidda *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Montgomery.	Gugera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Montgomery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakpattan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dipalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sandyanwala *C*	Rain guage not yet erected.																				
Punjab, Central.	Gurgaon.	Farukhnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jatusana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rewari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shahjahanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tauru	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nuh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Firozpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hodal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hattin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sohna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gurgaon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Punahana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rohtak.	Rohtak	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gohana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sampla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhajjar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Delhi.	Ballabgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahrauli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr (Delhi)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sonepat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

PUNJAB FOR THE MONTH OF OCTOBER 1898.

25 22nd.	26 23rd.	27 24th.	28 25th.	29 26th.	30 27th.	31 28th.	32 29th.	33 30th.	34 31st.	35 Number of rainy days.	36 Average number of rainy days.	37 Total rainfall for the month.	38 Average rainfall for the month.	39 Heaviest rainfall during the month.	40 Total rainfall from 1st October 189 up to 31st October 1898.	41 Average rainfall from 1st October up to 31st October.	3 Station.	2 District.	1 Meteorological Division.
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·31	0	0	0·3	Sirsa	Hissar.	Punjab, South.
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·25	0	0	0·25	Fatahabad		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·1	0	0	0·18	**Hissar**		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·16	0	0	0·16	Hansi		
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·27	0	0	0·27	Bhiwani		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Budhlada		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Tohana		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Dhaneta *C*	Jind State.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Safidan *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Jind *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Chhani *C*	Bikaner State.	
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·18	0	0	0·18	Moga	Ferozepore.	
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·17	0	0	0·17	Zira		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·25	0	0	0·25	**Ferozepore Sadr**		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Ferozepore City		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·12	0	0	0·12	Muktsar		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Fazilka		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Nathana		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Jalalabad		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Govindgarh *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Phidda *C*		
...	...	...	...	...	...	...	...	...	...	0	0·1	0	0·03	0	0	0·03	Gugera	Montgomery.	
...	...	...	...	...	...	...	...	...	...	0	0·1	0	0·04	0	0	0·04	**Montgomery**		
...	...	...	...	...	...	...	...	...	...	0	0·1	0	0·03	0	0	0·0[illegible]	Pakpattan		
...	...	...	...	...	...	...	...	...	...	0	?	0	0·02	0	0	0·02	Dipalpur		
																	Sandyanwala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Farukhnagar	Gurgaon.	Punjab, Central.
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Jatusana		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·39	0	0	0·39	Rewari		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Shahjahanpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Tauru		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·29	0	0	0·29	Nuh		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·36	0	0	0·36	Firozpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Hodal		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Hattin		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·67	0	0	0·67	Palwal		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Sohna		
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·51	0	0	0·51	**Gurgaon**		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Punahana		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·37	0	0	0·37	**Rohtak**	Rohtak.	
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·30	0	0	0·30	Gohana		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·30	0	0	0·30	Sampla		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·24	0	0	0·24	Jhajjar		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·44	0	0	0·44	Ballabgarh	Delhi.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Mahrauli		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·55	0	0	0·55	**Sadr (Delhi)**		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·34	0	0	0·34	Sonepat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Central—*concluded.*	Karnal.	Panipat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Karnal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajaund	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kaithal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gulah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Thansear	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lahore.	Van *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chunian	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kasur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pambe *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sharakpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Niaz Beg *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lahore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Meean Meer *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manihala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dafthu *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nijabat *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab Submontane.	Umballa.	Jagadhri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Umballa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naraingarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kharar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rupar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dadupur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patiala State.	Kotra *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jodhpur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raniki *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lehal *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujran *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barthala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nabha State.	Dadahur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bundher *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ludhiana.	Samrala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ludhiana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jagraon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jullundur.	Jullundur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nakodar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phillour	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nawashahr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of October 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1898 up to 31st October 1898.	Average rainfall from 1st October up to 31st October.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	0·03	...	...	0	0·3	0·03	0·21	0·03	0·03	0·21	Panipat	Karnal.	Punjab, Central—*concluded.*
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·35	0	0	0·35	**Karnal**		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Rajaund		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·11	0	0	0·11	Kaithal		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	1	?	Gulah		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·34	0	0	0·34	Thanesar		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·29	0	0	0·29	Van *C*	Lahore.	
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·30	0	0	0·30	Chunian		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·22	0	0	0·22	Kasur		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·22	0	0	0·22	Pambe *C*		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·13	0	0	0·13	Sharakpur		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·45	0	0	0·45	Niaz Beg *C*		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·43	0	0	0·43	**Lahore**		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·57	0	0	0·57	Meean Meer *C*		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·23	0	0	0·23	Manihala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Dafthu *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Nijabat *C*		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·43	0	0	0·43	Jagadhri	Umballa.	Punjab Submontane.
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·33	0	0	0·33	**Umballa**		
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·61	0	0	0·61	Naraingarh		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·48	0	0	0·48	Kharar		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·38	0	0	0·38	Rupar		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Dadupur *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Kotra *C*	Patiala State.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Jodhpur *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Raniki *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Lehal *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Gujran *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Barthala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Dadahur *C*	Nabha State.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Bundher *C*		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·53	0	0	0·53	Samrala	Ludhiana.	
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·44	0	0	0·44	**Ludhiana**		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·07	0	0	0·07	Jagraon		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·18	0	0	0·18	**Jullundur**	Jullundur.	
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·19	0	0	0·19	Nakodar		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·38	0	0	0·38	Phillour		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·24	0	0	0·24	Nawashahr		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Submontane—*concluded.*	Hoshiarpur.	Dasuya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Una ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Garhshankar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr Station ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hoshiarpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gurdaspur.	Aliwal *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Batala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tibri *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gurdaspur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pathankot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dalhousie ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Madhopur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shakargarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Amritsar.	Buchar *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khara *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tarn Taran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raya *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Amritsar Jail Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Amritsar *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Buggeh *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ajnala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Hill Division.	Simla.	Kasauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Simla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kot Khai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kotgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kilba ...																			Sta	tem	ent
Punjab North-West.	Kangra.	Plach ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kulu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·16	...	...	...	...	...	...	...
		Nagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palampur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·38	...	...	...	...	...	...
		Hamirpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kangra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dharmsala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·31	...	...	...	...	...	...
		Nurpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gujranwala.	Ramnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Wazirabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujranwala Sadr Kacheri.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shekhupura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hafizabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khangah Dogran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rampur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pacca Dalla *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Firoz *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sialkot.	Zafarwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pasrur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daska ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sialkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of October 1898—continued.

25 22nd.	26 23rd.	27 24th.	28 25th.	29 26th.	30 27th.	31 28th.	32 29th.	33 30th.	34 31st.	35 Number of rainy days.	36 Average number of rainy days.	37 Total rainfall for the month.	38 Average rainfall for the month.	39 Heaviest rainfall during the month.	40 Total rainfall from 1st October 1898 up to 31st October 1898.	41 Average rainfall from 1st October up to 31st October.	3 Station.	2 District.	1 Meteorological Division.
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·35	0	0	0·35	Dasuya	Hoshiarpur.	Punjab, Submontane—*concluded.*
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·33	0	0	0·33	Una		
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·47	0	0	0·47	Garhshankar		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·42	0	0	0·42	**Sadr Station**		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Hoshiarpur		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·60	0	0	0·60	Aliwal *C*	Gurdaspur.	
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·37	0	0	0·37	Batala		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·32	0	0	0·32	Tibri *C*		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·26	0	0	0·26	Gurdaspur		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·25	0	0	0·25	Pathankot		
...	...	...	...	...	...	...	...	...	...	0	1·6	0	0·96	0	0	0·96	Dalhousie		
...	...	...	...	...	...	...	...	...	...	0	1·0	0	0·42	0	0	0·42	Madhopur *C*		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·46	0	0	0·46	Shakargarh		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·25	0	0	0·25	Buchar *C*	Amritsar.	
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·09	0	0	0·09	Khara *C*		
...	...	...	...	...	...	...	...	...	...	0	0·	0	0·30	0	0	0·30	Tarn Taran		
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·38	0	0	0·38	Raya *C*		
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·47	0	0	0·47	**Amritsar Jail Hospital.**		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Amritsar *C*		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·52	0	0	0·52	Buggeh *C*		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·38	0	0	0·38	Ajnala		
...	...	...	...	...	...	...	...	...	...	0	1·2	0	0·67	0	0	0·67	Kasauli	Simla.	Punjab, Hill Division.
...	...	...	...	...	...	...	...	...	...	0	1·2	0	0·55	0	0	0·55	Barauli		
...	...	...	...	...	...	...	...	...	...	0	1·3	0	0·92	0	0	0·92	**Simla**		
...	...	...	...	...	...	...	...	...	...	0	1·4	0	1·11	0	0	1·11	Kot Khai		
...	...	...	...	...	...	...	...	...	...	0	1·2	0	1·09	0	0	1·09	Kotgarh		
not	recei	ved.															Kilba		
...	...	...	...	...	...	...	...	...	...	0	1·1	0	0·72	0	0	0·72	Plach	Kangra.	Punjab, North-West.
...	...	...	...	...	...	...	...	...	...	1	1·2	0·16	1·24	0·16	0·16	1·24	Kulu		
...	...	...	...	...	...	...	...	...	...	0	2·2	0	1·02	0	0	1·02	Nagar		
...	...	...	...	...	...	...	...	...	...	1	1·4	0·38	1·62	0·38	0·38	1·62	Palampur		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·49	0	0	0·49	Hamirpur		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·40	0	0	0·40	Dera		
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·41	0	0	0·41	Kangra		
...	...	...	...	...	...	...	...	...	...	1	1·5	0·31	1·23	0·31	0·31	1·23	**Dharmsala**		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·87	0	0	0·87	Nurpur		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·12	0	0	0·12	Ramnagar	Gujranwala.	
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·33	0	0	0·33	Wazirabad		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·45	0	0	0·45	**Gujranwala Sadr Kacheri.**		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·23	0	0	0·23	Shekhupura		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·36	0	0	0·36	Hafizabad		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Khangah Dogran		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Rampur *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Pacca Dalla *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Firoz *C*		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·19	0	0	0·19	Zafarwal	Sialkot.	
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·26	0	0	0·26	Pasrur		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·42	0	0	0·42	Raya		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·38	0	0	0·38	Daska		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·48	0	0	0·48	**Sialkot**		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, North-West—concluded.	Gujrat.	Sadr (Gujrat) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kharian ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhelum.	Pind Dadan Khan...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr Station (Jhelum)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chakwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Talagang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi.	Pindigheb ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fatahjang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Attock ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rawalpindi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujar Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kahuta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Murree ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peshawar.	Swabi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lahor (Utman Bolak)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nowshera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mardan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Katlang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Charsadda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nabakki ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Abazai *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khan Mahi *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Para Chinar (Kurram)	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...	...	...	...
	Hazara.	Abbott-abad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mansahra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Haripur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kohat.	Kohat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hangu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Thal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banda Daud Shah...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fort Lockhart ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, West.	Bannu.	Mianwali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Isa Khel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bannu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Marwat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of October 1898—continued.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1898 up to 31st October 1898.	Average rainfall from 1st October up to 31st October.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·56	0	0	0·56	**Sadr (Gujrat)**	Gujrat.	Punjab, North-West—*concluded.*
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·51	0	0	0·51	Kharian		
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·48	0	0	0·48	Phalia		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·38	0	0	0·38	Pind Dadan Khan	Jhelum.	
...	...	...	...	...	...	...	...	...	...	0	1·1	0	0·50	0	0	0·50	**Sadr Station (Jhelum)**		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·20	0	0	0·20	Chakwal		
...	...	...	...	...	...	...	...	...	...	0	1·0	0	0·38	0	0	0·38	Talagang		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·35	0	0	0·35	Pindigheb	Rawalpindi.	
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·58	0	0	0·58	Fatahjang		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·22	0	0	0·22	Attock		
...	...	...	...	...	...	...	...	...	...	0	1·6	0	0·70	0	0	0·70	**Rawalpindi**		
...	...	...	...	...	...	...	...	...	...	0	1·7	0	1·11	0	0	1·11	Gujar Khan		
...	...	...	...	...	...	...	...	...	...	0	0·9	0	0·33	0	0	0·33	Kahuta		
...	...	...	...	...	...	...	...	...	...	0	2·1	0	1·54	0	0	1·54	Murree		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·60	0	0	0·60	Swabi	Peshawar.	
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·41	0	0	0·41	Lahor (Utman Bolak)		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·36	0	0	0·36	Nowshera		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·28	0	0	0·28	Mardan		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·21	0	0	0·21	Katlang		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·18	0	0	0·18	Charsadda.		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·15	0	0	0·15	Nabakki		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·16	0	0	0·16	**Peshawar**		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Abazai *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Khan Mahi *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0·03	?	0·03	0·03	?	Para Chinar (Kurram)		
...	...	...	...	...	...	...	...	...	...	0	2·2	0	1·21	0	0	1·21	**Abbott-abad**	Hazara.	
...	...	...	...	...	...	...	...	...	...	0	2·2	0	1·03	0	0	1·03	Mansahra		
...	...	...	...	...	...	...	...	...	...	0	0·9		0·82	0	0	0·82	Haripur		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·51	0	0	0·51	**Kohat**	Kohat.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Hangu		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Thal		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Banda Daud Shah		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Fort Lockhart		
...	...	...	...	...	...	...	...	...	...	0	0·2	0	0·07	0	0	0·07	Mianwali	Bannu.	Punjab, West.
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·08	0	0	0·08	Isa Khel		
...	...	...	...	...	...	...	...	...	...	0	0·4	0	0·08	0	0	0·08	**Bannu**		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·05	0	0	0·05	Marwat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, West—concluded.	Shahpur.	Midh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nurpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mitha Tiwana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sakesar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naushahra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shahpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Miani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhang.	Shorkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chiniot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Badwali *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khewra *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Laklani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tarkhani *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muridwala *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lyallpur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan.	Tank	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kulachi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera Ismail Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhakkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shekh Budin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. G. Khan.	Sanghar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera Ghazi Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fort Munro	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jampur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muzaffargarh.	Alipur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muzaffargarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sinanwan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mooltan.	Mailsi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lodhran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shujabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mooltan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kabirwala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NOTE—C denotes
D do.
T do.
H do.
S do.

Punjab for the month of October 1898—concluded.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1898 up to 31st October 1898.	Average rainfall from 1st October up to 31st October.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·10	0	0	0·10	Midh	Shahpur.	Punjab, West—*concluded.*
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·22	0	0	0·22	Sahiwal		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·08	0	0	0·08	Nurpur		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·07	0	0	0·07	Mitha Tiwana		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·14	0	0	0·14	Sakesar		
...	...	...	...	...	...	...	...	...	...	0	0·7	0	0·47	0	0	0·47	Naushahra		
...	...	...	...	...	...	...	...	...	...	0	0·2	0	0·11	0	0	0·11	Khushab		
...	...	...	...	...	...	...	...	...	...	0	0·6	0	0·28	0	0	0·28	Shahpur		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·12	0	0	0·12	Bhera		
...	...	...	...	...	...	...	...	...	...	0	0·5	0	0·25	0	0	0·25	Miani		
...	...	...	...	...	...	...	...	...	...	0	0·1	0	0·05	0	0	0·05	Shorkot	Jhang.	
...	...	...	...	...	...	...	...	...	...	0	0·2	0	0·03	0	0	0·03	Jhang		
...	...	...	...	...	...	...	...	...	...	0	0·3	0	0·14	0	0	0·14	Chiniot		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Lyallpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Badwali *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Khewra *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Laklani *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Tarkhani *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Muridwala *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Lyallpur *C*		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Tank	D. I. Khan.	
...	...	...	...	...	...	...	...	...	...	0	0·1	0	0·01	0	0	0·01	Kulachi		
...	...	...	...	...	...	...	...	...	...	0	0·2	0	0·10	0	0	0·10	Dera Ismail Khan		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Bhakkar		
...	...	...	...	...	...	...	...	...	...	0	?	0	0·03	0	0	0·03	Leiah		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Shekh Budin		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Sanghar	D. G. Khan.	
...	...	...	...	...	...	...	...	...	...	0	0·2	0	0·07	0	0	0·07	Dera Ghazi Khan		
...	...	...	...	...	...	...	...	...	...	0	0·8	0	0·24	0	0	0·24	Fort Munro		
...	...	...	...	...	...	...	...	...	...	0	0·1	0	0·02	0	0	0·02	Jampur		
...	...	...	...	...	...	...	...	...	...	0	0·1	0	0·02	0	0	0·02	Rajanpur		
...	...	...	...	...	...	...	...	...	...	0	?	0	0·07	0	0	0·07	Alipur	Muzaffargarh.	
...	...	...	...	...	...	...	...	...	...	0	0·2	0	0·06	0	0	0·06	Muzaffargarh		
...	...	...	...	...	...	...	...	...	...	0	0·1	0	0·03	0	0	0·03	Sinanwan		
...	...	...	...	...	...	...	...	...	...	0	0·1	0	0·04	0	0	0·04	Mailsi	Mooltan.	
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Lodhran		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Shujabad		
...	...	...	...	...	...	...	...	...	...	0	?	0	0·02	0	0	0·02	Mooltan		
...	...	...	...	...	...	...	...	...	...	0	?	0	?	0	0	?	Kabirwala		

slight rain.
dust storm.
thunder.
hail.
snowfall.

P. D. SHROFF, SUPERINTENDENT,

Office of Director of Land Records and Agriculture, Punjab.

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1898.

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st October.	1st April to 30th September.	For month under report.	Month under report.	1st October 1898 to 31st Octr, 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Hissar.	Sirsa ...	0·31	...	0·31	...	...	...	...	No rainfall during the month. Kharíf crops withered throughout greater part of the District. Canal crops ready for cutting. Outturn above the average. Rabi sowings not undertaken on báráni land for want of rain. Rabi sowings on irrigated land in progress. Fodder sufficient. General health of the district good.
	Fatahabad ...	0·25	...	0·25	...	...	...	...	
	Hissar ...	0·18	...	0·18	...	...	...	...	
	Hánsi ...	0·16	...	0·16	...	...	...	...	
	Bhiwáni ...	0·27	...	0·27	...	...	...	...	
	Budhláda ...	...	...	...	...	...	...	...	
	Tohána ...	...	...	...	...	...	...	...	
Jind State.	Dhaneta (*c*) ...	...	...	...	...	...	...	...	
	Safidan (*c*) ...	...	...	...	...	...	...	...	
	Jind (*c*) ...	...	...	...	...	...	...	...	
Bikaner State.	Channi (*c*) ...	...	...	...	...	...	...	...	
Rohtak.	Rohtak ...	0·37	...	0·37	...	...	...	...	Kharíf crop continues to be harvested, and outturn of irrigated crop 16-anna and of báráni crop 6-anna. Gram has been sown on a comparatively small area and the prospects are not bright owing to absence of rain. Wheat, barley and gram are being sown on irrigated land. Fodder is sufficient at present. Stock of grain sufficient.
	Gohána ...	0·30	...	0·30	...	...	...	...	
	Sámpla ...	0·30	...	0·30	...	...	...	...	
	Jhajjar ...	0·24	...	0·24	...	...	...	...	
Gurgaon.	Farukhnagar ...	...	...	...	...	...	...	...	There was no rain during the month. The kharíf is being harvested and rabi sowings are in progress on irrigated tracts. Rain is urgently wanted for [illegible]wings on báráni lands. The outturn of the kharíf is estimated to be poor in Gurgaon, Nuh and Rewári and average in Palwal and Ferozepore. Health of people good. Fodder sufficient.
	Játusána ...	...	...	...	...	...	...	...	
	Rewári ...	0·39	...	0·39	...	...	...	...	
	Shahjahánpur ...	...	...	...	...	...	...	...	
	Tauru ...	...	...	...	...	...	...	...	
	Núh ...	0·29	...	0·29	...	...	...	...	
	Fírozpur ...	0·36	...	0·36	...	...	...	...	
	Hodal ...	...	...	...	...	...	...	...	
	Hattín ...	...	...	...	...	...	...	...	
	Palwal ...	0·67	...	0·67	...	...	...	...	
	Sohna ...	...	...	...	...	...	...	...	
	Gurgaon ...	0·51	...	0·51	...	...	...	...	
	Punahána ...	...	...	...	...				

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1898—(CONTINUED).

Explanation:—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st October.	1st April to 30th September.	For month under report.	Month under report.	1st October 1898 to 31st Octr. 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Delhi.	Ballabgarh ...	0·44	...	0·44	...	...	...	...	No rain during the month under report Kharíf reapings over. Yield below average. Rabi sowings in progress, but not extensive owing to early termination of rain. Fodder getting scarce. Stock sufficient. Prices stationary.
	Mahrauli ...	...	...	...	...	...	...	...	
	Sadr (Delhi) ...	0·55	...	0·55	...	...	...	...	
	Sonepat ...	0·34	...	0·34	...	...	...	...	
Karnal.	Pánipat ...	0·21	...	0·21	0·03	0·03	...	0·03	There was practically no rainfall during the month. Rabi sowings have been made only in irrigated area. Rain is badly wanted to make rabi sowings on baráni area. Stock of grain sufficient. Fodder available.
	Karnal ...	0·35	...	0·35	...	...	...	...	
	Rajaund ...	...	...	...	...	...	...	...	
	Kaithal ...	0·11	...	0·11	...	...	...	...	
	Gulah ...	...	...	...	...	...	...	...	
	Thánesar ...	0·34	...	0·34	...	...	...	...	
Umballa.	Jagádhri ...	0·43	...	0·43	...	...	...	...	Kharíf crops generally cut. Rabi sowings generally completed. Wheat sowings are, however, in progress. Fodder available. Health of people, generally speaking, good.
	Umballa ...	0·33	...	0·33	...	...	...	...	
	Naráingarh ...	0·61	...	0·61	...	...	...	...	
	Kharar ...	0·48	...	0·48	...	...	...	...	
	Rúpar ...	0·38	...	0·38	...	...	...	...	
	Dádúpur (*c*) ...	...	...	...	...	...	...	...	
Patiala State.	Kotra (*c*) ...	...	...	...	...	...	...	...	
	Jodhpur (*c*) ...	...	...	...	...	...	...	...	
	Ràniki (*c*) ...	...	...	...	...	...	...	...	
	Lehal (*c*) ...	...	...	...	...	...	...	...	
	Gujrán (*c*) ...	...	...	...	...	...	...	...	
	Barthála (*c*) ...	...	...	...	...	...	...	...	
Nabha State.	Dadahur (*c*) ...	...	...	...	...	...	...	...	
	Bundher (*c*) ...	...	...	...	...	...	...	...	
Simla.	Kasauli ...	0·67	...	0·67	...	...	...	...	Kharíf crops cut. Outturn good. Rabi sowings commenced. Health of people good.
	Bharauli ...	0·55	...	0·55	...	...	...	...	
	Simla ...	0·92	...	0·92	...	...	...	...	
	Kot Khái ...	1·11	...	1·11	...	...	...	...	
	Kotgarh ...	1·09	...	1·09	...	...	...	...	
	Kilba ...	1·19	...	1·19	...				
Kangra.	Plách ...	0·72	...	0·72	...	...	...	...	The rainfall was below the average in all the tahsíls, but more rain was not needed. The kharíf crops have all been cut and harvested. The outturn has generally been good both on irrigated and unirrigated areas. The cotton, másh and kulth crops were, however, somewhat injured by the rain in September. The ground is being prepared for the rabi sowings, and parts have already been sown on. The price of food grains has fallen during the month as compared with the previous month. The health of the public continues good.
	Kulu ...	1·24	...	1·24	0·16	0·16	...	0·16	
	Nagargge ...	1·02	...	1·02	...	...	...	...	
	Pálampur ...	1·62	...	1·62	0·38	0·38	...	0·38	
	Hamírpur ...	0·49	...	0·49	...	...	...	...	
	Dera ...	0·40	...	0·40	...	...	...	...	
	Kángra ...	0·41	...	0·41	...	...	...	...	
	Dharmsala ...	1·23	...	1·23	0·31	0·31	...	0·31	
	Núrpur ...	0·87	...	0·87	...	...	...	...	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1898—(CONTINUED).

Explanation :— (*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st October.	1st April to 30th September.	For month under report.	Month under report.	1st October 1898 to 31st October 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
HOSHIARPUR.	Dasúya ...	0·35	...	0·35	...	...	...	...	Makki, rice, mash, &c., have been husked and cotton is being picked. Sugarcane is being pressed. The outturn is average. Sowings for the "rabi" are in progress. Supplies of food-grains and fodder are sufficient.
	Una ...	0·33	...	0·33	...	...	...	...	
	Garhshankar ...	0·47	...	0·47	...	...	...	...	
	Sadr Station ...	0·42	...	0·42	...	...	...	...	
	Hoshiárpur ...	...	...	...	...	...	...	...	
JULLUNDUR.	Jullundur ...	0·18	...	0·18	...	...	...	...	The sugarcane, cotton and maize crops were in good condition and the outturn promises well. The maize commenced to be reaped near the end of the month and rabi sowings then commenced. A very large area has been prepared and is ready for sowings. Fodder sufficient. Health good.
	Nakodar ...	0·19	...	0·19	...	...	...	...	
	Phillour ...	0·38	...	0·38	...	...	...	...	
	Nawashahr ...	0·24	...	0·24	...	...	...	...	
LUDHIANA.	Samrála ...	0·53	...	0·53	...	...	...	...	Kharíf being harvested. Rabi sowings in progress. The outturn of the kharíf crops is good all over the district excepting the jungle tract where the area sown with báráni crops has mostly failed for want of rain. Health of the people good. Fodder and grain stocks abundant. Prices are falling.
	Ludhiána ...	0·44	...	0·44	...	...	...	...	
	Jagraon ...	0·07	...	0·07	...	...	...	...	
FEROZEPORE.	Moga ...	0·18	...	0·18	...	...	...	...	The kharíf crops were being harvested during the month. There has been no rain at all. Rabi ploughings and sowings continued during the month. Stock of food-grains and fodder sufficient. The canals of the district have been flowing low.
	Zíra ...	0·17	...	0·17	...	...	...	...	
	Ferozepore Sadr ...	0·25	...	0·25	...	...	...	...	
	Ferozepore City ...	...	...	...	...	...	...	...	
	Muktsar ...	0·12	...	0·12	...	...	...	...	
	Fázilka ...	...	...	...	...	...	...	...	
	Natháná ...	...	...	...	...	...	...	...	
	Jalalabad ...	...	...	...	...	...	...	...	
	Gobindgarh (*c*) ...	...	...	...	...	...	...	...	
	Phidda (*c*) ...	...	...	...	...	...	...	...	
MOOLTAN.	Mailsi ...	0·04	...	0·04	...	...	...	...	Condition of crops good. Rabi sowings in progress. Stock of food-grain and fodder sufficient. Prices falling.
	Lodhrán ...	...	...	...	...	...	...	...	
	Shujabad ...	...	...	...	...	...	...	...	
	Mooltan ...	0·02	...	0·02	...	...	...	...	
	Kabírwála ...	...	...	...	...	...	...	...	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1898—(CONTINUED).

Explanation:— (*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st October.	1st April to 30th September.	For month under report.	Month under report.	1st October 1898 to 31st October 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Jhang.	Shorkot ...	0·05	...	0·05	...	...	...	...	*Crops.*—Kharif good and is being harvested. Rabi being sown. Fodder sufficient. *Canals.*—Flowing. *Rivers.*—No inundation.
	Jhang ...	0·03	...	0·03	...	...	...	...	
	Chiniot ...	0·14	...	0·14	...	...	...	...	
	Lyallpur ...	...	...	...	...	...	...	...	
	Badwáli (*c*) ...	...	...	...	...	...	...	...	
	Tarkhani (*c*) ...	...	...	...	...	...	...	...	
	Murídwála (*c*) ...	...	...	...	...	...	...	...	
	Khewra (*c*) ...	...	...	...	...	...	...	...	
	Laklani (*c*) ...	...	...	...	...	...	...	...	
	Lyallpur (*c*) ...	...	...	...	...	...	...	...	
Montgomery.	Gugera ...	0·03	...	0·03	...	...	...	...	*Crops.*—Condition of the standing crops is fair. Rabi sowing has commenced. *Food grains.*—Sufficient. *Canals.*—Do not flow.
	Montgomery ...	0·04	...	0·04	...	...	...	...	
	Pákpattan ...	0·03	...	0·03	...	...	...	...	
	Dipálpur ...	0·02	...	0·02	...	...	...	...	
	Sandyánwála (*c*) ...	...	...	...	...	...	...	...	
Lahore.	Van (*c*) ...	0·29	...	0·29	...	...	...	...	Baráni crops have practically failed. Canal irrigated crops are average. Well irrigated crops are below average. Abi crops dependent on natural and artificial irrigation from Deg and its tributaries vary greatly in different parts, being average in some places and poor in others. Crops are free from any disease. Rain is badly wanted to facilitate rabi sowings. Grain stock ample.
	Chunián ...	0·30	...	0·30	...	...	...	...	
	Kasúr ...	0·22	...	0·22	...	...	...	...	
	Pambe (*c*) ...	0·22	...	0·22	...	...	...	...	
	Sharakpur ...	0·13	...	0·13	...	...	...	...	
	Niáz Beg (*c*) ...	0·45	...	0·45	...	...	...	...	
	Lahore ...	0·43	...	0·43	...	...	...	...	
	Meean Meer (*c*) ...	0·57	...	0·57	...	...	...	...	
	Manihála (*c*) ..	0·23	...	0·23	...	...	...	...	
	Dafthu (*c*) ...	...	...	...	...	...	...	...	
	Nijábat (*c*) ...	...	...	...	...	...	...	...	
Amritsar.	Buchar (*c*) ...	0·25	...	0·25	...	...	...	...	There has been no rain during the month. All the kharif crops except sugarcane are being harvested. Rabi crops are being sown. Stock of food-grain and fodder sufficient. Health of people good. Prices nearly stationary.
	Khara (*c*) ...	0·09	...	0·09	...	...	...	...	
	Tarn Táran ...	0·30	...	0·30	...	...	...	...	
	Raya (*c*) ...	0·38	...	0·38	...	...	...	...	
	Jail Hospital (Amritsar).	0·47	...	0·47	...	...	...	...	
	Amritsar (*c*) ...	...	...	...	...	...	...	...	
	Juggeh (*c*) ...	0·52	...	0·52	...	...	...	...	
	Ajnála ...	0·38	...	0·38	...	...	...		
Gurdaspur.	Aliwál (*c*) ...	0·60	...	0·60	...	...	...	...	The kharif crop of 1898 is being cut and gathered. Rabi sowings in progress. Health of people good. Fodder sufficient.
	Batála ...	0·37	...	0·37	...	...	...	...	
	Tibri (*c*) ...	0·32	...	0·32	...	...	...	...	
	Gurdaspur ...	0·26	...	0·26	...	...	...	...	
	Pathánkot ...	0·25	...	0·25	...	...	...	...	
	Dalhousie ...	0·96	...	0·96	...	...	...	...	
	Mádhopur (*c*) ...	0·42	...	0·42	...	...	...	...	
	Shakargarh ...	0·46	...	0·46	...	...	...	...	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1898—CONTINUED.

Explanation :—(c) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st October.	1st April to 30th September.	For month under report.	Month under report.	1st October 1898 to 31st October 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
SIALKOT.	Zafarwál ...	0·19	...	0·19	...	...	...	...	There has been no rain in the month. Rice is being harvested and threshed; the outturn is average. The outturn of maize is also average. The growing crops of wheat, massar and barley were injured in some places by the insect called *Toka*, and had to be re-sown. Fodder is sufficient. Prices are cheaper.
	Pasrúr ...	0·26	...	0·26	...	...	...	...	
	Raya ...	0·42	...	0·42	...	...	...	...	
	Daska ...	0·38	...	0·38	...	...	...	...	
	Siálkot ...	0·48	...	0·48	...	...	...	...	
GUJRAT.	**Gujrat (Sadr)** ...	0·56	...	0·56	...	...	...	...	The whole of October has been rainless as usual. Kharíf crops, with the exception of cotton and sugarcane, have been cut and threshed or are being threshed. With the exception of Bár villages in the Phália Tahsíl and those which have suffered from hail-storm of 28th September, the kharíf crop of the district has been very good. In about 130 villages loss by hail-storm has been most severe, which has totally destroyed the whole crop with the exception of maize which had been gathered. There is very good moisture in lands prepared for rabi sowings which have extensively been made. Early sown crops have sprouted well, and their condition is good. In some of the villages which have suffered from hail apprehension was felt lest land ready for rabi may be left unsown for want of seed grain. Tahsíldárs have been sent to those villages with money, and all those who require help are being granted advances. There is no fear now left. The whole land ready for the rabi will be sown. In parts of the Khárián Tahsíl the "Toka" or grass-hopper appeared and would have damaged crop, but flight of starling appeared almost simultaneously and destroyed the insect. The health of the people is good.
	Khárián ...	0·51	...	0·51	...	...	...	...	
	Phália ...	0·48	...	0·48	...	...	...	...	
GUJRANWALA.	Rámnagar ...	0·12	...	0·12	...	...	...	...	Sowings of wheat, wheat and gram, sarshaf and massar in progress. Kharíf crops being cut. Condition of crops fairly good. Health of people good. Stock of grain and fodder sufficient.
	Wazírabad ...	0·33	...	0·33	...	...	...	...	
	Sadr Kacheri (Gujranwala).	0·45	...	0·45	...	...	...	...	
	Shekhúpura ...	0·23	...	0·23	...	...	...	...	
	Háfizabad ...	0·36	...	0·36	...	...	...	...	
	Khángah Dográn ...	...	...	...	...	...	...	...	
	Rámpur ...	...	...	...	...	...	...	...	
	Pacca Dalla (c) ...	...	...	...	...	...	...	...	
	Fíroz (c) ...	...	...	...	...	...	...	...	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1898—CONTINUED.

Explanation:—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 31st October.	1st April to 30th September.	For month under report.	Month under report.	1st October 1898 to 31st October 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Shahpur.	Midh ...	0·10	...	0·10	...	...	...	...	The whole district, with the exception of certain tracts in the Salt Range, is suffering from drought. The harvest will be a bad one—the worst tracts being on the Chenab and the south of the district. Fodder is scarce. Health of people good.
	Sáhiwál ...	0·22	...	0·22	...	...	...	...	
	Núrpur ...	0·08	...	0·08	...	...	...	...	
	Mitha Tiwána ...	0·07	...	0·07	...	...	...	...	
	Sakesar ...	0·14	...	0·14	...	...	...	...	
	Naushahra ...	0·47	...	0·47	...	...	...	...	
	Khusháb ...	0·11	...	0·11	...	...	...	...	
	Shahpur ...	0·28	...	0·28	...	...	...	...	
	Bhera ...	0·12	...	0·12	...	...	...	...	
	Miáni ...	0·25	...	0·25	...	...	...	..	
Jhelum.	Pind Dádan Khan ...	0·38	...	0·38	...	...	...	...	Condition of kharíf crops is average and the outturn below average. Rabi sowings in progress. Moisture of soil good except in Thal Ilâqa, Tahsíl Pind Dádan Khan, and part of Talagang Tahsíl. Stock of grain sufficient. Prices of grain stationary. Fodder plentiful. No inundation in river.
	Jhelum (Sadr) ...	0·50	...	0·50	...	...	...	...	
	Chakwál ...	0·20	...	0·20	...	...	...	...	
	Talagang ...	0·38	...	0·38	...	...	...	...	
Rawalpindi.	Pindigheb ...	0·35	...	0·35	...	...	...	...	Kharíf prospects average. Crops are cut and are cleaned. Rabi sown. Prices falling.
	Fatahjang ...	0·58	...	0·58	...	...	...	...	
	Attock ...	0·22	...	0·22	...	...	...	...	
	Rawalpindi ...	0·70	...	0·70	...	...	...	...	
	Gujar Khan ...	1·11	...	1·11	...	...	...	...	
	Kahúta ...	0·33	...	0·33	...	...	...	...	
	Murree ...	1·54	...	1·54	...	...	...	...	
Hazara.	Abbott-abad ...	1·21	...	1·21	...	...	...	...	No rainfall. Kharíf crops in all tahsíls except Harípur have been cut. Rabi sowings almost finished. Fodder and grain stocks sufficient. Health of people generally good. Water in irrigation channels sufficient.
	Mánsahra ...	1·03	...	1·03	...	...	...	...	
	Harípur ...	0·82	...	0·82	...	...	...	...	
Peshawar.	Swábi ...	0·60	...	0·60	...	...	...	...	Rabi crops are being sown both on irrigated and unirrigated tracts. Rain much wanted. Cotton picking is nearly over. Matured maize crops are being reaped. The condition of standing crops on irrigated lands is good and of those on unirrigated tracts in the Chársadda Tahsíl is below average and in other tahsíls of the District it is average. The outturn of both cotton and maize crops is average. Stocks of food-grains and fodder sufficient. Water in the rivers is falling. There was sufficient water in canals in October, but the river are low and the supply in the canals is likely to run short if rain does not fall in the hills soon.
	Lahor (Utman Bolak)	0·41	...	0·41	...	...	...	...	
	Nowshera ...	0·36	...	0·36	...	...	...	...	
	Mardán ...	0·28	...	0·28	...	...	...	...	
	Katlang ...	0·21	...	0·21	...	...	..	...	
	Chársada ...	0·18	...	0·18	...	...	...	...	
	Nabakki ...	0·15	...	0·15	...	...	...	...	
	Peshawar ...	0·16	..	0·16	...	...	...	...	
	Abázai (*c*) ...	...	...	...	...	...	...	...	
	Khán Máhi (*c*) ...	...	...	...	...	...	...	...	
	Pára Chinár (Kurram)	...	...	...	0·03	0·03	...	0·03	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1898—(CONTINUED).

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st October.	1st April to 30th September.	For month under report.	Month under report.	1st October 1898 to 31st October 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
KOHAT.	Kohát ...	0·51	...	0·51	...	...	...	...	There has been no rain during the month under report. The water in springs was, however, sufficient, but it ran short in the Kohát Toi. The kharíf crops in the whole of the Hangu and Teri Tahsíls (except three villages in the latter tahsíl) have been cut and harvested, while the harvesting of these crops in the Kohát Tahsíl is in progress. The outturn of crops on irrigated lands is above the average (18-anna crop) and on the unirrigated lands below it (12-anna crop, or three fourths of an average crop) The rabi sowings on unirrigated lands in the Teri Tahsíl as well as in the Hangu Tahsíl have generally been made owing to the superior quality of land in the former tahsíl and to there being sufficient moisture in the latter tahsíl. The sowings on irrigated lands in these tahsíls are also being pushed on. As regards the sowings on irrigated lands in the Kohát Tahsíl, they are generally awaiting a fall of rain which is urgently required. The irrigated lands in this tahsíl are being ploughed for the rabi sowings, which will be commenced in the latter part of November 1898. Fodder for cattle is sufficient owing to green hill grass, makki and jowár stalks being procurable in consequence of kharíf crops having been cut and harvested. White bhúsa is, however, not available in the Kohát Tahsíl in sufficient quantities, and there is a great demand for it in connection with purchases by the Commissariat Department. Stocks of food-grains are generally sufficient with the zamíndárs for their own requirements, and there are surplus stocks of grain with traders of the Kohát town and zamíndárs of the Darra and Thal circles of the Teri Tahsíl. The prices are falling.
	Hangu ...	...	...	...	...	...	...	...	
	Thal ...	...	...	...	...	...	...	...	
	Banda Daúd Shah ...	...	...	...	...	...	...	...	
	Fort Lockhart ...	...	...	...	...	...	...	...	
BANNU.	Miánwálí ...	0·07	...	0·07	...	...	...	...	Kharíf is being harvested. It has suffered from drought in the Thal iláqas of Miánwáli and on the unirrigated area of Isa Khel and Bannu. On irrigated lands it has been average. Ploughings for rabi have commenced throughout the district ; sowing of gram in some tracts. Rain much wanted. Fodder and stock of food-grains still sufficient. Prices stationary.
	Isá Khel ...	0·08	...	0·08	...	...	...	...	
	Bannu ...	0·08	...	0·08	...	...	...	...	
	Marwat ...	0·05	...	0·05	...	...	...	...	
DERA ISMAIL KHAN.	Tánk ...	...	...	...	...	...	...	...	No rain during the month. Condition of standing crops average in Tánk, Kuláchi and Leiah Tahsíls, somewhat below average in Bhakkar, but a failure in Dera Tahsíl. Harvesting of bájra and jowár in progress. Cotton is being picked. Ploughing for rabi commenced. Fodder procurable, but scarce in Kuláchi Tahsíl and Thal Iláqa. Prices low. Stock of food-grains sufficient.
	Kuláchi ...	0·01	...	0,01	...	...	...	...	
	Dera Ismail Khan...	0·10	...	0·10	...	...	...	...	
	Bhakkar ...	...	...	...	...	...	...	...	
	Leiah ...	0·03	...	0·03	...	...	...	...	
	Shekh Budín ...	...	...	...	...	...	...	...	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF OCTOBER 1898—(CONCLUDED).

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 31st October.	1st April to 30th September.	For month under report.	Month under report.	1st October 1898 to 31st October 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
DERA GHAZI KHAN.	Sanghar ...	...	...	...	...	...	...	...	Kharif crops on canal irrigated lands fair and good. Pachádh crops below the average. Health of people good. Stocks of food-grain and fodder sufficient.
	Dera Ghazi Khan...	0·07	...	0·07	...	...	...	...	
	Fort Munro ...	0·24	...	0·24	...	...	...	...	
	Jámpur ...	0·02	...	0·02	..	...	...	...	
	Rájanpur ...	0·02	...	0·02	...	...	...	...	
MUZAFFARGARH.	Alípur ...	0·07	...	0·07	...	...	...	...	Kharif crops average. Rabi crops being sown. Stock of food-grains and fodder sufficient. Health of people good.
	Muzaffargarh ...	0·06	...	0·06	...	...	...	...	Kharif crops average. Rabi crops being sown. Stock of food-grain and fodder sufficient. Health of people good.
	Sinánwán ...	0·03	...	0·03	...	...	...	...	Kharif crops average. Rabi crops being sown. Stock of food-grain and fodder sufficient. Health of people good.

P. D. SHROFF, *Supdt.,*

Office of Director of Land Records and Agriculture, Punjab.

MORTUARY RETURN FOR

Deaths registered from different causes in each district of

No.	Districts.	Population according to Census of 1891.	Births.	Deaths.	Birth-rate per *mille* per annum.	Death-rate per *mille* per annum.	Plague. Males.	Plague. Females.	Plague. Total.	Cholera. Males.	Cholera. Females.	Cholera. Total.	Small-pox. Children under one year. Males.	Small-pox. Children under one year. Females.	Small-pox. One to under 12 years. Males.	Small-pox. One to under 12 years. Females.	Small-pox. Twelve and over 12 years. Males.	Small-pox. Twelve and over 12 years. Females.	Total of Small-pox.	Fevers. Males.	Fevers. Females.	Fevers. Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	775,808	4,53[illegible]	1,851	71	29	...	...	...	...	...	...	...	1	...	...	...	1	2	641	621	1,262
2	Rohtak ...	590,446	3,424	1,357	71	28	...	...	...	...	...	...	...	...	2	...	...	...	2	427	457	884
3	Gurgaon ...	668,863	4,749	2,258	86	41	...	...	...	...	...	...	2	...	1	3	...	...	6	721	704	1,425
4	Delhi ...	635,224	3,468	1,69[illegible]	66	32	...	...	...	...	...	...	...	...	...	1	1	...	2	420	521	941
5	Karnál ...	683,652	4,381	2,601	62	37	...	...	...	...	...	...	1	...	4	5	...	...	10	763	813	1,576
6	Umballa ...	982,291	3,439	2,199	52	33	...	...	...	1	...	1	1	6	21	17	1	2	48	658	658	1,316
7	Simla ...	35,246	61	63	21	22	...	...	...	...	...	...	...	...	...	...	...	...	...	22	13	35
8	Kángra ...	759,458	2,355	2,382	38	38	...	...	...	...	...	...	...	...	...	...	...	...	...	848	926	1,774
9	Hoshiárpur ...	1,011,644	4,284	3,20[illegible]	52	38	...	...	...	...	...	...	...	1	3	3	...	...	7	981	1,041	2,022
10	Jullundur ...	891,347	3,999	2,430	54	33	...	...	...	...	...	...	...	...	1	...	...	...	1	637	663	1,300
11	Ludhiána ...	648,655	2,895	1,939	54	36	...	...	...	...	...	...	...	...	4	3	...	...	7	567	587	1,154
12	Ferozepore ...	861,499	4,159	1,925	59	27	...	...	...	...	...	...	5	3	2	5	2	2	19	542	539	1,081
13	Mooltan ...	620,859	2,340	1,070	46	21	...	...	...	...	...	...	...	...	...	2	...	4	6	310	290	600
14	Jhang ...	436,821	1,977	1,134	55	32	...	...	...	...	...	...	1	1	...	...	...	1	3	361	304	665
15	Montgomery	499,449	1,984	659	48	16	...	...	...	...	...	...	1	2	4	3	...	3	13	162	138	300
16	Lahore ...	1,055,619	4,703	3,001	54	35	...	...	...	...	...	...	5	2	10	8	3	4	32	872	848	1,720
17	Amritsar ...	990,990	4,468	3,223	55	40	...	...	...	...	...	...	2	3	5	10	1	2	23	923	1,018	1,941
18	Gurdáspur ...	940,785	4,665	3,479	60	45	...	...	...	...	...	...	...	2	1	3	...	...	6	1,084	986	2,070
19	Siálkot ...	1,098,712	5,209	4,260	58	47	...	...	...	...	...	...	1	2	11	6	...	...	20	1,280	1,445	2,725
20	Gujrát ...	760,823	3,023	2,375	48	38	...	...	...	...	...	...	...	...	...	...	...	...	...	760	845	1,605
21	Gujránwála ...	690,061	3,43[illegible]	2,127	60	38	...	...	...	...	...	...	...	...	...	...	...	...	...	759	749	1,508
22	Shahpur ...	493,535	1,936	87[illegible]	48	21	...	...	...	...	...	...	...	...	...	...	...	...	...	226	222	448
23	Jhelum ...	605,774	1,9[illegible]	1,554	39	31	...	...	...	...	...	...	...	...	...	...	...	...	...	508	529	1,037
24	Ráwalpindi ...	845,259	2,186	2,037	31	29	...	...	...	...	...	...	...	...	1	...	...	...	1	711	748	1,459
25	Hazára ...	476,125	1,007	82[illegible]	26	21	...	...	...	...	...	...	...	...	...	...	...	...	...	27[illegible]	312	583
26	Peshâwar ...	679,183	1,66[illegible]	1,091	30	20	...	...	...	...	...	...	...	...	1	1	...	...	2	521	401	922
27	Kohát ...	182,487	475	330	32	22	...	...	...	...	...	...	...	1	...	2	...	...	3	117	140	257
28	Bannu ...	369,972	1,253	750	41	25	...	...	...	...	...	...	...	...	...	...	...	...	...	312	299	611
29	D. I. Khan ...	482,463	1,337	1,124	34	28	...	...	...	...	...	...	...	...	1	...	1	...	2	390	415	805
30	D. G. Khan ...	399,860	1,071	628	33	19	...	...	...	...	...	...	...	...	...	...	...	...	...	277	236	513
31	Muzaffargarh	381,072	1,347	657	43	21	...	...	...	...	...	...	...	...	...	1	...	...	1	250	281	531
	TOTAL ...	20,553,982	87,76[illegible]	55,083	52	33	...	...	...	1	...	1	19	24	72	73	9	19	216	17,321	17,749	35,070
	Total in previous month...	...	75,120	49,861	43	29	54	73	127	...	...	...	29	39	106	121	13	18	326	15,697	15,524	31,221
	Total in same month of past year ...	...	84,7[illegible]8	57,162	50	34	...	...	...	95	98	193	71	55	130	111	20	29	416	18,689	18,542	37,231

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 10th November 1898.

THE MONTH OF SEPTEMBER 1898.

the Punjab during the month of September 1898.

OF DEATH.

Dysentery and Diarrhœa.			Injuries. Suicide.			Injuries. Wounding.			Injuries. Accidents.			Injuries. Snake-bite and killed by wild beasts.			All other causes.			Total deaths from all causes.			Districts.	No.
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	2	1
37	21	58	1	1	2	...	1	1	10	6	16	5	3	8	268	234	502	962	880	1,851	Hissar.	1
10	17	27	...	...	...	3	1	4	1	3	4	2	1	3	256	177	433	701	656	1,357	Rohtak.	2
64	39	103	1	2	3	1	...	1	8	10	18	2	1	3	388	311	699	1,188	1,070	2,258	Gurgaon.	3
37	41	78	...	1	1	...	...	...	8	5	13	3	2	5	341	315	656	810	886	1,696	Delhi.	4
35	21	56	...	...	...	3	...	3	18	13	31	9	3	12	473	440	913	1,306	1,295	2,601	Karnál.	5
47	42	89	2	...	2	1	...	1	13	9	22	1	5	6	367	347	714	1,113	1,086	2,199	Umballa.	6
4	1	5	...	...	...	1	...	1	...	...	...	...	...	...	13	9	22	40	23	63	Simla.	7
34	31	65	...	...	...	...	...	...	10	4	14	3	4	7	246	276	522	1,141	1,241	2,382	Kángra.	8
77	77	154	1	4	5	1	...	1	5	7	12	6	2	8	514	480	994	1,588	1,615	3,203	Hoshiárpur.	9
43	54	97	2	1	3	...	1	1	9	4	13	...	...	...	502	513	1,015	1,194	1,236	2,430	Jullundur.	10
31	24	55	1	...	1	...	...	...	4	3	7	2	2	4	336	366	702	945	985	1,930	Ludhiána.	11
30	34	64	2	...	2	2	1	3	9	6	15	4	5	9	387	345	732	985	940	1,925	Ferozepore.	12
22	25	47	...	...	...	...	...	...	18	4	22	12	4	16	212	167	379	574	496	1,070	Mooltan.	13
20	12	32	...	...	...	...	...	...	10	3	13	13	5	18	215	188	403	620	514	1,134	Jhang.	14
7	6	13	1	...	1	...	...	...	2	7	9	7	4	11	164	145	309	348	308	656	Montgomery.	15
52	35	87	...	...	...	5	1	6	15	5	20	12	1	13	535	588	1,123	1,509	1,492	3,001	Lahore.	16
71	69	140	1	2	3	1	...	1	11	3	14	6	2	8	548	545	1,093	1,569	1,654	3,223	Amritsar.	17
196	196	392	...	...	...	...	...	...	7	1	8	1	...	1	520	482	1,002	1,818	1,661	3,479	Gurdáspur.	18
145	105	250	1	1	2	...	...	...	17	10	27	9	...	9	629	589	1,218	2,102	2,158	4,260	Siálkot.	19
60	69	129	...	...	...	1	2	3	4	8	12	3	...	3	318	305	623	1,146	1,229	2,375	Gujrát.	20
18	14	32	...	...	...	3	1	4	11	7	18	18	4	22	300	243	543	1,109	1,018	2,127	Gujránwála.	21
20	20	40	...	...	...	...	...	...		10	11	10	2	12	202	157	359	459	411	870	Shahpur.	22
14	22	36	...	...	...	4	...	4	9	5	14	11	2	13	243	207	450	789	765	1,554	Jhelum.	23
15	7	22	...	...	...	3	1	4	15	16	31	6	4	10	264	246	510	1,015	1,022	2,037	Ráwalpindi.	24
2	...	2	...	...	...	...	...	...	1	1	2	...	...	...	133	102	235	407	415	822	Hazára.	25
10	2	12	...	...	...	4	2	6	5	7	12	...	...	...	80	57	137	621	470	1,091	Peshâwar.	26
1	3	4	...	...	...	5	1	6	3	1	4	1	...	1	32	23	55	159	171	330	Kohát.	27
9	4	13	...	1	1	2	1	3	2	3	5	2	3	5	63	49	112	390	360	750	Bannu.	28
22	33	55	1	...	1	1	...	1	4	8	12	6	4	10	152	86	238	578	546	1,124	D. I. Khan.	29
7	6	13	...	...	...	3	4	7	3	2	5	8	1	9	47	34	81	345	283	628	D. G. Khan.	30
3	2	5	...	...	...	...	...	...	5	6	11	8	5	13	50	46	96	316	341	657	Muzaffargarh.	31
1,152	1,032	2,184	14	13	27	44	17	61	238	177	415	170	69	239	8,807	8,063	16,870	27,847	27,236	55,083	Total.	
836	700	1,536	15	31	46	52	17	69	414	287	701	242	87	329	8,070	7,436	15,506	25,528	24,333	49,861	Total in previous month.	
1,100	873	1,973	22	17	39	47	9	56	317	209	526	154	57	211	8,614	7,903	16,517	29,259	27,903	57,162	Total in same month of past year.	

C. J. BAMBER, Lt.-Col., I. M. S.,

Offg. Sanitary Commissioner, Punjab.

Remarks by the Sanitary Commissioner, Punjab.

Eighty-seven thousand seven hundred and sixty-nine births were registered in the Province during the month of September 1898, giving a birth-rate of 52 per *mille* of population. Of the total number of births 45,873 were boys and 41,896 were girls.

The total number of deaths registered from all causes in the Province during the month of September 1898 was 55,083 against 49,861 in the previous month and 57,162 in the corresponding month of the past year, giving an annual death-rate of 33, 29 and 34 per *mille* of population per annum, respectively.

There was 1 death registered under the head of cholera.

From small-pox 216 deaths were registered against 326 in the previous month and 416 in the corresponding month of the past year; fevers 35,070 against 31,221 and 37,231; dysentery and diarrhœa 2,184 against 1,536 and 1,973.

During the month there were 27 deaths registered from suicide against 46 in the past month; wounding 61 against 69; accidents 415 against 701; snake-bite and killed by wild beasts 239 against 329; and from all other causes 16,870 against 15,506 and 16,517 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 10th November 1898.

C. J. BAMBER, LIEUT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

Statement showing the number of births registered according to classes in the several districts of the Punjab during the month of September 1898.

No.	Districts.	Christians.			Hindus.			Muhammadans.			Other Classes.			Total.			Birth-rate per *mille* per annum.	No.
		Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
1	Hissar ...	...	...	...	1,744	1,653	3,397	557	578	1,135	...	...	...	2,301	2,231	4,532	71	1
2	Rohtak ...	...	...	...	1,624	1,403	3,027	195	202	397	...	...	...	1,819	1,605	3,424	71	2
3	Gurgaon ...	2	...	2	1,641	1,504	3,145	832	770	1,602	...	...	...	2,475	2,274	4,749	86	3
4	Delhi ...	5	2	7	1,357	1,290	2,647	401	376	777	14	23	37	1,777	1,691	3,468	66	4
5	Karnál ...	...	...	...	1,685	1,486	3,171	611	579	1,210	...	...	...	2,316	2,065	4,381	62	5
6	Umballa ...	...	1	1	1,263	1,126	2,394	568	476	1,044	...	...	...	1,836	1,603	3,439	52	6
7	Simla ...	...	...	...	28	29	57	3	1	4	...	...	...	31	30	61	21	7
8	Kángra ...	...	1	1	1,107	1,128	2,235	63	51	119	...	...	...	1,175	1,180	2,355	38	8
9	Hoshiárpur ...	1	1	2	1,535	1,417	2,952	720	610	1,330	...	...	...	2,256	2,028	4,284	52	9
10	Jullundur ..	...	...	...	1,164	1,020	2,184	909	897	1,806	...	...	...	2,073	1,917	3,990	54	10
11	Ludhiána ...	...	...	...	997	918	1,915	502	478	980	...	...	...	1,499	1,396	2,895	54	11
12	Ferozepore ...	...	...	...	1,185	1,042	2,227	1,005	927	1,932	...	...	...	2,190	1,969	4,159	59	12
13	Mooltan ...	...	...	...	218	218	436	963	941	1,904	...	...	...	1,181	1,159	2,340	46	13
14	Jhang ...	...	...	...	253	209	462	838	667	1,505	5	5	10	1,096	881	1,977	55	14
15	Montgomery ...	...	...	...	259	202	461	750	773	1,523	...	...	...	1,009	975	1,984	48	15
16	Lahore ...	3	2	5	744	652	1,396	1,701	1,601	3,302	...	...	...	2,448	2,255	4,703	54	16
17	Amritsar ...	...	1	1	1,259	1,133	2,392	1,065	1,010	2,075	...	...	...	2,324	2,144	4,468	55	17
18	Gurdáspur ...	3	6	9	1,219	1,146	2,365	1,203	1,055	2,258	19	14	33	2,444	2,221	4,665	60	18
19	Siálkot ...	11	11	22	888	800	1,688	1,777	1,712	3,489	5	5	10	2,681	2,528	5,209	58	19
20	Gujrát ...	...	1	1	209	188	397	1,194	1,231	2,625	...	...	...	1,603	1,420	3,023	48	20
21	Gujránwála ...	6	4	10	403	360	763	1,394	1,263	2,657	...	...	...	1,803	1,627	3,430	60	21
22	Shahpur ...	...	...	...	157	145	302	856	778	1,634	...	...	...	1,013	923	1,936	48	22
23	Jhelum ...	1	...	1	104	101	205	911	843	1,754	...	...	...	1,016	944	1,960	39	23
24	Ráwalpindi ...	...	...	...	145	124	269	988	924	1,912	5	...	5	1,138	1,048	2,186	31	24
25	Hazára ...	...	...	...	21	12	33	506	468	974	...	...	...	527	480	1,007	26	25
26	Pesháwar ...	...	...	...	23	21	44	851	751	1,612	2	3	5	876	785	1,661	30	26
27	Kohát ...	...	...	...	4	6	10	250	215	465	...	...	...	254	221	475	3[illegible]	27
28	Bannu ...	...	...	...	53	56	109	606	538	1,144	...	...	...	659	594	1,253	4[illegible]	28
29	Dera Ismail Khan	...	...	...	92	88	180	629	528	1,157	...	...	...	721	616	1,337	34	29
30	Dera Gházi Khan	...	...	...	64	63	127	534	404	938	5	1	6	603	468	1,071	3[illegible]	30
31	Muzaffargarh ...	...	...	...	102	81	183	627	537	1,164	...	...	...	729	618	1,347	43	31
	Total ...	32	30	62	21,552	19,621	41,173	24,234	22,194	46,428	55	51	106	45,873	41,896	87,769	5[illegible]	

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 10th November 1898.

C. J. BAMBER, LT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 29TH OCTOBER 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	12	10	22	16	9	7	...	...	...	5	...	...	11	7	4	11	68	50	1
2		Hansi ...	15,190	10	22	32	4	1	3	...	...	...	2	...	...	2	...	2	2	110	14	2
3		Bhiwani ...	35,487	18	23	41	20	13	7	...	...	...	9	3	...	8	4	2	6	60	29	3
4		Sirsa ...	16,415	7	11	18	19	12	7	...	...	...	16	...	...	3	2	1	3	57	60	4
5	Rohtak ...	Rohtak ...	16,191	8	9	17	5	3	2	...		..	3	..	..	2	1	1	2	55	16	5
6		Jhajjar ...	11,881	6	7	13	7	3	4	...		...	4	1	...	2	1	2	3	57	31	6
7	Gurgaon ...	Rewari ...	27,934	9	15	24	17	8	9	...	...	...	8	3	...	6	3	3	6	45	38	7
8		Palwal ...	11,227	11	6	17	14	10	4	...	...	...	9	1	...	4	5	1	6	79	65	8
9	Delhi ...	Delhi ...	189,648	94	103	197	118	51	67	...	...	...	68	6	3	41	9	13	22	54	32	9
10		Sonepat ...	12,611	7	7	14	12	6	6	...	...	...	8	...	...	4	5	4	9	58	50	10
11	Karnal ...	Karnal ...	21,530	14	9	23	13	9	4	...	...	...	9	1	...	3	2	...	2	56	31	11
12		Kaithal ...	15,768	11	12	23	10	6	4	...	...	...	4	3	...	3	1	1	2	76	33	12
13		Panipat ...	27,547	13	18	31	12	3	9	...	...	...	4	...	...	8	1	3	4	59	23	13
14		Shahabad ...	11,473	10	5	15	6	1	5	...	...	...	4	2	...	...	...	1	1	68	27	14
15	Umballa ...	Umballa ...	26,856	19	12	31	13	6	7	...	...	...	4	2	...	7	...	3	3	60	25	15
16		Jagadhri ...	13,029	14	3	17	4	3	1	...	...	...	1	...	...	3	...	...	...	68	16	16
17		Sadhaura ...	10,445	3	4	7	5	3	2	...	...	...	4	...	...	1	2	...	2	35	25	17
18	Hoshiarpur	Hoshiarpur ...	17,546	8	7	15	17	6	11	...	...	...	4	3	1	9	6	2	8	45	51	18
19		Tanda and Urmar	11,632	4	1	5	2	2	...	...	...	...	2	...	...	...	...	...	...	22	9	19
20	Jullundur ...	Jullundur ...	50,375	26	15	41	23	10	13	...	...	...	12	4	...	7	2	4	6	42	24	20
21		Rahon ...	10,667	3	1	4	8	5	3	...	...	...	3	1	...	4	1	1	2	20	[illegible]	21
22		Kartarpur ...	10,441	2	1	3	4	1	3	...	...	...	2	...	...	2	...	...	...	15	20	22
23	Ludhiana ...	Ludhiana ...	46,024	30	31	61	31	17	14	...	...	...	7	9	...	15	3	4	7	69	35	23
24		Jagraon ...	18,116	11	12	23	9	6	3	...	...	...	3	1	...	5	3	...	3	66	26	24
25	Ferozepore ...	Ferozepore ...	25,337	12	11	23	20	9	11	...	...	...	14	1	...	5	6	3	9	47	41	25
26	Mooltan ...	Mooltan ...	64,265	32	44	76	62	32	30	...		...	48	4	...	10	10	9	19	62	50	26
27	Jhang ...	Maghiana ...	13,866	16	11	27	14	7	7	...	...	...	3	...	...	11	4	3	7	102	53	27
28		Chiniot ...	13,476	5	7	12	3	1	2	...	...	...	1	...	...	2	...	1	1	46	12	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	58	57	115	135	64	71	...	...	...	79	11	...	45	10	22	32	38	44	29
30		Kasur ...	20,290	7	9	16	14	5	9	...	...	...	5	...	...	9	3	3	6	41	36	30
31		Chunian ...	10,339	12	14	26	14	6	8	...	...	...	8	...	...	6	5	6	11	131	71	31
32	Amritsar ...	Amritsar ...	135,401	88	53	141	120	59	61	...	...	...	81	7	2	30	18	19	37	54	46	32
33	Gurdaspur ...	Batala ...	27,223	7	11	18	17	6	11	.	...	...	10	1	...	6	1	3	4	34	33	33
34	Sialkot ...	Sialkot ...	33,965	25	21	46	34	15	19	...	...	...	22	2	...	10	3	4	7	71	52	34
35	Gujrat ...	Gujrat ...	17,671	10	16	26	16	4	12	...	...	...	8	1	...	7	3	2	5	77	47	35
36		Jalalpur ...	11,065	7	5	12	19	13	6	...	...	...	8	6	...	5	5	1	6	57	90	36
37	Gujranwala ...	Gujranwala ...	25,892	13	14	27	17	8	9	...	...	...	11	...	...	6	...	1	1	54	34	37
38		Wazirabad ...	15,786	5	13	18	27	17	10	...	...	...	11	5	...	11	6	2	8	59	89	38
39	Shahpur ...	Bhera ...	17,428	8	3	11	14	6	8	...	..	...	9	1	1	3	2	1	3	33	42	39
40	Jhelum ...	Pind Dadan Khan	15,055	4	4	8	11	6	5	...	...	...	6	3	...	2	1	1	2	28	38	40
41	Rawalpindi ...	Rawalpindi ...	38,334	12	14	26	27	15	12	...	...	...	18	2	1	6	3	3	6	35	37	41
42	Peshawar ...	Peshawar ...	63,079	16	10	26	49	24	25	...	...	...	43	2	...	4	4	5	9	21	41	42
43	Kohat ...	Kohat ...	14,347	2	1	3	3	...	3	...	...	...	2	...	...	1	...	...	...	11	11	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	11	9	20	23	10	13	...	...	...	11	4	...	8	4	3	7	48	56	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	12	10	22	19	7	12	...	...	...	2	2	1	14	5	4	9	48	41	45
	Grand Total	...	1,412,775	712	681	1,393	1,047	508	539	...	...	...	595	92	9	351	151	148	299	51	39	
	Hill Sanitaria.																					
	Simla	... ...	13,279	3	4	7	7	2	5	...	..	...	5	...	...	2	...	1	1	27	27	
	Dharm[illegible]	... ...	2,778	3	...	3	1	1	...	...	...	...	1	...	...	...	1	...	1	56	19	
	Dalhousie ...	... ...	807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,459	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 15th November 1898.

C. J. BAMBER, LIEUT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 29TH OCTOBER 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 1,393 births were registered (712 males and 681 females), giving a birth-rate of 51 per *mille* of population; 1,047 deaths were registered (508 males and 539 females), giving a death-rate of 39 per *mille* of population.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 15th November 1898.

C. J. BAMBER, LIEUT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for** week ended 29th October* **1898** ***on **162·24** ***miles open.***

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other Earnings (estimated).	Total Earnings.	Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	16,544	*18,843 13 0	58,285 20	9,598 3 0	54 0 0	28,496 0 0	7,237	3,093	10,330
Or per mile of Railway	...	116 2 4	...	59 2 7	0 5 4	175 10 3	...	...	...
For previous $16\frac{6}{7}$ weeks of half year	276,784	2,42,843 7 0	949,112 0	1,48,418 8 0	871 0 0	3,92,132 15 0	116,734	49,241	165,975
Total for $17\frac{6}{7}$ weeks ...	293,328	2,61,687 4 0	1,007,397 20	1,58,016 11 0	925 0 0	4,20,628 15 0	123,971	52,334	176,305
COMPARISON.									
Total for corresponding week of previous year ...	16,340	22,104 4 8	78,422 30	16,100 11 0	73 15 0	38,278 14 8	7,103	4,272	11,375
Per mile of Railway corresponding week of previous year.	...	136 3 11	...	99 3 10	0 7 3	235 15 0	...	...	...
Total for corresponding $17\frac{6}{7}$ weeks of previous year ...	288,586	3,57,983 4 8	1,362,488 0	2,22,432 12 10	1,666 12 0	5,82,082 13 6	137,438	73,225	210,663

* The decrease is chiefly due to despatch of troops and Government stores to the Frontier in the corresponding period of 1897.

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 3rd November 1898.

T. BASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore—17-11-98—690.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, NOVEMBER 24, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 22nd NOVEMBER 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharff (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 17 seers ... Gram 22 seers. Bájra 19 seers.	Crops failed. Canal crops being harvested.	Sowings on irrigated lands in progress.
2	Delhi ...	...	1. Getting scarce. 2. Fair.	Wheat 16½ seers Gram 20½ seers. Bájra 21 seers.	...	Rain is urgently needed. Standing crops in fair condition.
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 19 seers ... Gram 21½ seers. Maize 28 seers.	...	Sowings nearly finished. Sprouting crops have been damaged by rats in parts.
4	Jullundur ...	...	2. Good ...	Wheat 21 seers ... Gram 23 seers. Barley 30 seers. Maize 29 seers.	Threshings continue ...	Sowings going on.
5	Ferozepore ...	...	1. Sufficient ... 2. Good.	Wheat 18 seers ... Barley 28 seers. Maize 28 seers. Gram 24 seers. Jowár 22 seers. Bájra 20 seers.	...	Sowings continue.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharff (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	...	Wheat 17½ seers...	Crops in good condition ...	Sowings in progress. Canals dry.
7	Lahore ...	...	1. Sufficient ... 2. Fair.	Wheat 17 to 20 seers. Maize 28 to 30 seers.	Reapings in progress. Canal-irrigated crops good; well average and dry land bad.	Sowings [illegible]ng on.
8	Amritsar ...	..	1. Sufficient ... 2. Good.	Wheat 20½ seers Maize 31 seers.	Crops nearly harvested. Sugarcane pressing going on.	Sowings in progress. Standing crops in good condition.
9	Siálkot ...	...	1. Sufficient ... 2. Fair.	Wheat 17½ to 19 seers. Rice 13 to 13½ seers.	Picking of cotton and pressing of sugarcane continue. Threshing of rice commenced. Outturn average.	Standing crop slightly attacked by grass-hoppers (Toka).
10	Shahpur ...	...	1. Scarce ... 2. Good.	Wheat 17 to 20 seers. Bájra 22½ to 24 seers.	...	Rain wanted.
11	Ráwalpindi ...	...	1. Sufficient ...	Wheat 17¾ seers Bájra 23 seers. Maize 25 seers.	...	Prospects good.
12	Peshâwar ...	...	1. Sufficient ... 2. Good.	Wheat 15⅞ seers Maize 26 seers.	...	Wheat and barley still being sown. Condition of standing crops good.
13	D. I. Khan ...	...	2. Good ...	Wheat 18¾ seers Bájra 23¼ seers.	Harvesting in progress ...	Ploughings and sowings continue.

GENERAL REMARKS.

Rainfall.—Nil.

Prices—Rising in Umballa, Shahpur and Dera Ismail Khan; falling in Hissar, Amritsar and Peshâwar; unchanged elsewhere.

Wheat is selling from 15⅞ to 21, gram 20½ to 24, barley 28 to 30, bulrush millet 19 to 24, maize 25 to 31, great millet 22, and rice 13 to 13½ seers per rupee.

Agricultural operations.—Harvesting of autumn crops nearly over. Picking of cotton and pressing of sugarcane going on Sowings of spring crops continue. Rain is urgently wanted.

Crops and outturn.—Condition and prospect of standing crops are generally reported good. Outturn of rice is reported average in Siálkot. Autumn crops have dried up for want of rain in parts of Hissar and Lahore.

Damage done to crops.—Sprouting spring crops have been damaged by rats and grass-hoppers in parts of Umballa and Siálkot respectively.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder scarce in Delhi and Shahpur; sufficient elsewhere.

P. D. SHROFF, *Supdt.,*

Office of Director of Land Records and Agriculture, Punjab.

PRICES CURRENT OF FOOD-GRAINS, &c., SALT, GUR AND COTTON IN THE DERA ISMAIL KHAN DISTRICT DURING THE FORTNIGHT ENDING 15TH OCTOBER 1898, RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEMENT TO PUNJAB GAZETTE DATED 27TH OCTOBER 1898.

1	2			3			4			5			6			7			8			9			10		
	Quantities per rupee by the ordinary Seer of 80 Tolas.																										
District.	*Wheat.*			*Barley.*			*Rice (best sort)*			*Rice (common).*			*Jowár or Cholum (Sorghum vulgare).*			*Bájra or Cumbu (Pennisetum Typhoideum).*			*Mundwa, Marua or Ragi (Eleusine Corocana).*			*Kangni or Kakun, Italian Millet (Sita—Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*		
	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs	Srs	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Dera Ismail Khan ..	19	19	10	24	23	13	...	...	...	8	7	5	25	25	18	23	23	14	§	§	§	‡	‡	4	20	21	11

1	11			12			13			14						15			16			17
	Quantities per rupee by the ordinary Seer of 80 Tolas.																					
District.	*Maize (Zea Mays).*			*Arhur or Thur, Cadjan Pea (Cajanus Indicus).*			*Firewood.*			*Salt.*						*Gur.*			*Cotton (unginned).*			Remarks.
										Present fortnight ending 15th October 1898.		Past fortnight ending 30th September 1898.		Corresponding fortnight of 1897.								
	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th October 1898.	Past fortnight ending 30th September 1898.	Corresponding fortnight of 1897.	
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C	Srs. C	Srs. C.	Srs. C	Srs. C.	Srs. C.	
era Ismail Khan	16	26	10	‡	‡	4	125	125	125	16 0	16 0	14 4	13 12	16 0	15 0	8 8	8 8	8 10	‡	‡	10 0	

‡ Not sold.
§ Not procurable.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	2			3			4			5		
	QUANTITIES PER RUPEE BY THE											
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 15th November 1898.	Past fortnight ending 31st October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th November 1898	Past fortnight ending 31st October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th November 1898.	Past fortnight ending 31st October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th November 1898.	Past fortnight ending 31st October 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs	Srs.	Srs	Srs.	Srs.	Srs
Hissar ...	17	18	10	25	25	18	...	...	...	10	10	6
Rohtak ...	16	16	10	24	23	14	...	...	...	13	13	10
Gurgaon ...	16	16	11	24	24	17	...	...	...	9	11	7
Delhi ...	17	16	10	25	24	16	...	...	...	11	11	10
Karnál ...	17	17	11	28	28	14	...	...	...	12	12	8
Umballa ...	20	19	12	25	26	15	...	...	...	10	12	10
Simla ...	15	15	10	21	21	15	...	...	...	10	9	7
Kángra ...	20	20	13	28	28	19	...	...	...	15	15	12
Hoshiárpur ...	20	21	12	28	29	16	...	...	...	12	12	9
Jullundur ...	21	20	12	30	28	16	...	...	...	8	8	8
Ludhiána ...	21	20	13	34	30	16	...	...	...	10	10	6
Ferozepore ...	18	18	10	30	29	13	...	...	...	10	10	7
Mooltan ...	16	15	10	23	23	15	...	...	...	16	16	10
Jhang ...	19	19	12	25	26	18	...	...	...	8	12	8
Montgomery ...	19	18	11	§	§	13	...	...	...	10	10	10
Lahore ...	18	18	11	34	34	15	...	...	...	12	12	8
Amritsar ...	19	19	11	31	35	16	...	...	...	11	11	8
Gurdáspur ...	20	20	12	40	40	16	...	...	...	12	13	10
Siálkot ...	18	19	11	33	32	15	...	...	...	14	14	10
Gujrát ...	19	20	11	28	28	15	...	...	...	12	12	8
Gujránwála ...	20	20	11	35	35	16	...	...	...	13	13	9
Shahpur ...	20	20	12	30	28	15	...	...	...	8	8	5
Jhelum ...	19	18	12	32	29	17	...	...	...	12	11	8
Ráwalpindi ...	17	18	11	29	28	15	...	...	...	9	8	7
Hazára ...	18	18	12	29	29	19	...	...	...	10	9	8
Peshâwar ...	15	15	11	29	28	18	...	...	...	9	9	7
Kohát ...	16	16	10	26	24	14	...	...	...	12		9
Bannu ...	20	21	13	36	36	20	...	...	...	14	12	8
D. I. Khan ...	19	19	11	25	24	15	...	...	...	8	8	6
D.G. Khan ...	15	17	10	21	20	14	...	...	...	14	13	8
Muzaffargarh	18	17	11	24	24	13	...	...	...	15	15	10

† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH NOVEMBER 1898.

ORDINARY SEER OF 80 TOLAS.

6			7			1
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*			
Present fortnight ending 15th November 1898.	Past fortnight ending 31st October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th November 1898	Past fortnight ending 31st October 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
22	20	20	18	18	19	Hissar.
22	22	21	20	20	17	Rohtak.
23	22	19	21	21	17	Gurgaon.
23	23	17	21	19	16	Delhi
26	26	20	20	20	15	Karnál.
29	28	22	21	22	12	Umballa.
20	20	11	17	15	14	Simla.
†	†	†	†	†	†	Kángra.
26	22	19	17	18	12	Hoshiárpur.
26	24	16	21	19	10	Jullundur.
30	25	22	22	22	14	Ludhiána.
25	23	13	19	20	15	Ferozepore.
24	24	15	20	19	14	Mooltan.
28	28	20	25	26	16	Jhang.
§	§	§	§	§	†	Montgomery.
25	22	17	19	20	15	Lahore.
27	27	15	22	21	14	Amritsar.
28	28	11	11	11	11	Gurdáspur.
31	31	14	24	§	§	Siálkot.
23	24	13	22	24	13	Gujrát.
32	32	15	24	24	13	Gujránwála.
22	20	†	22	20	14	Shahpur.
25	21	12	24	22	14	Jhelum.
31	29	14	22	23	13	Ráwalpindi.
§	§	§	18	16	§	Hazára.
[illegible]	35	14	19	19	12	Pesháwar.
§	§	§	21	24	14	Kohát.
41	41	17	25	26	17	Bannu.
23	23	23	‡	23	16	D. I. Khan.
21	21	17	21	22	17	D. G. Khan.
20	20	13	22	21	14	Muzaffargarh.

duced.

curable.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 18 seers as compared with 18 seers in last fortnight and 11 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Umballa ...	12	19	20
Jullundur ...	12	20	21
Amritsar ...	11	19	19
Gujránwála ...	11	20	20
Bannu ...	13	21	20
D. I. Khan ...	11	19	19

Barley.—Prices average 29 seers as compared with 28 seers in last fortnight and 12 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Karnál ...	14	28	28
Ludhiána ...	16	30	34
Gurdáspur ...	16	40	40
Gujránwála ...	16	35	35
Bannu ...	20	36	36
Muzaffargarh ...	13	24	24

Rice.—Prices average 11 seers as compared with 11 seers in last fortnight and 8 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Hissar ...	6	10	10
Ludhiána ...	6	10	10
Mooltan ...	10	16	16
Gujránwála ...	9	13	13
Bannu ...	8	12	14
D. G. Khan ...	8	13	14

Jowár.—Prices average 26 seers as compared with 25 seers in last fortnight and 17 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Umballa ...	23	28	29
Ferozepore ...	13	23	25
Gurdáspur ...	11	28	28
Ráwalpindi ...	14	29	31
Bannu ...	17	41	41
Muzaffargarh ...	13	20	20

Bájra.—Prices average 21 seers as compared with 21 seers in last fortnight and 14 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs.	Last fortnight. Srs.	This fortnight. Srs.
Umballa ...	12	22	21
Jullundur ...	10	19	21
Jhang ...	16	26	25
Gujránwála ...	13	24	24
Bannu ...	17	26	25
Muzaffargarh ...	14	21	22

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	8			9			10			11		
	QUANTITIES PER RUPEE BY											
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 15th November 1898.	Past fortnight ending 31st October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th November 1898.	Past fortnight ending 31st October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th November 1898.	Past fortnight ending 31st October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th November 1898.	Past fortnight ending 31st October 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	24	22	12	†	[illegible]	18
Rohtak ...	†	†	†	10	10	10	20	20	10	25	24	17
Gurgaon ...	†	†	†	†	†	†	20	20	11	24	23	14
Delhi ...	†	†	†	12	12	13	19	19	10	25	24	16
Karnál ...	25	25	25	8	8	8	20	20	10	25	25	16
Umballa ...	§	§	20	16	16	12	21	21	11	28	28	19
Simla ...	18	18	13	10	10	9	17	16	10	24	24	15
Kángra ...	§	§	§	‡	‡	‡	19	21	11	30	30	21
Hoshiárpur ...	20	2	14	15	15	12	23	23	11	26	25	18
Jullundur ...	§	§	§	20	19	12	23	23	11	29	28	18
Ludhiána ...	†	†	†	17	16	14	26	23	12	31	27	19
Ferozepore ...	†	†	†	16	16	14	25	23	10	26	29	16
Mooltan ...	†	†	†	18	18	11	18	18	9	24	26	16
Jhang ...	28	28	12	32	32	20	20	19	10	30	32	20
Montgomery ...	§	§	§	§	§	†	24	22	11	25	§	16
Lahore ...	§	§	§	24	24	17	23	22	10	28	27	16
Amritsar ...	§	§	†	24	20	15	24	23	10	28	29	16
Gurdáspur ...	§	§	§	16	16	12	22	22	12	28	28	17
Siálkot ...	§	§	§	§	§	§	21	20	10	24	22	14
Gujrát ...	†	†	†	10	20	7	20	23	10	23	23	14
Gujránwála ...	†	†	†	24	24	14	23	22	11	24	24	16
Shahpur ...	24	24	14	16	16	14	24	25	11	20	16	‡
Jhelum ...	†	‡	‡	‡	‡	‡	21	21	10	23	22	15
Ráwalpindi ...	‡	‡	‡	15	16	12	20	20	10	24	27	14
Hazára ...	†	†	†	§	§	12	16	15	9	25	25	16
Pesháwar ...	†	†	†	18	18	13	18	18	9	26	25	[illegible]
Kohát ...	†	†	†	§	§	§	19	19	9	24	24	[illegible]
Bannu ...	13	13	13	7	7	7	26	27	12	34	43	19
D. I. Khan ...	§	§	§	‡	‡	4	23	22	12	31	31	11
D. G. Khan ...	§	§	§	§	§	§	19	19	10	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	19	18	10	§	§	§

† Not pro
‡ Not sold,
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH NOVEMBER 1898—continued

12			13				
THE ORDINARY SEER OF 80 TOLAS.							
Arhur or Thur, Cadjan Pea (Cajanus Indicus). (Husked).			*Firewood.*				
Present fortnight ending 15th November 1898.	Past fortnight ending 31st October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th November 1898.	Past fortnight ending 31st October 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
†	†	†	100	100	100	Hissar.	
14	18	10	120	120	100	Rohtak.	
14	19	11	130	130	160	Gurgaon.	
13	22	10	90	90	100.	Delhi.	
14	15	8	160	160	160	Karnál.	
§	§	§	160	160	140	Umballa.	
8	8	7	80	80	60	Simla.	
14	14	8	100	100	100	Kángra.	
8	8	8	100	120	130	Hoshiárpur.	
§	§	§	90	90	100	Jullundur.	
11	11	7	110	110	90	Ludhiána.	
11	11	7	90	90	100	Ferozepore.	
†	†	†	90	90	110	Mooltan.	
7	7	‡	160	160	160	Jhang.	
10	§	‡	250	250	310	Montgomery.	
12	11	7	89	89	75	Lahore.	
‡	‡	§	90	90	100	Amritsar.	
§	§	§	80	100	120	Gurdáspur.	
§	§	§	110	110	130	Siálkot.	
†	†	†	110	140	110	Gujrát.	
‡	‡	9	95	95	95	Gujránwála.	
8	†	†	160	160	160	Shahpur.	
†	‡	‡	120	120	120	Jhelum.	
11	‡	‡	64	62	62	Ráwalpindi.	
†	†	†	81	81	81	Hazára.	
[illegible]	16	10	58	58	48	Peshawar.	
†	†	†	82	108	51	Kohát.	
10	5	5	70	70	60	Bannu.	
‡	‡	5	120	110	125	D. I. Khan.	
§	§	§	100	100	100	D. G. Khan.	
8	‡	8	140	140	140	Muzaffargarh.	

Gram.—Prices average 21 seers as compared with 21 seers in last fortnight and 10 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Hissar ...	12	22	24
Ferozepore ...	10	23	25
Amritsar ...	10	23	24
Shahpur ...	11	25	24
Bannu ...	12	27	26
D. I. Khan ...	12	22	23

Maize.—Prices average 26 seers as compared with 26 seers in last fortnight and 16 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Gurgaon ...	14	23	24
Ludhiána ...	19	27	31
Lahore ...	16	27	28
Ráwalpindi ...	14	27	24
Bannu ...	19	43	34
D. I. Khan ...	11	31	31

duced.

curable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt					
	Present fortnight ending 15th November 1898		Past fortnight ending 31st October 1898.		Corresponding fortnight of 1897.	
DISTRICTS.	Wholesale	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	12 0	11 0	11 0	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 4	12 0	11 0
Delhi	12 4	12 0	12 4	12 0	12 0	11 8
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 12
Simla	10 0	9 8	10 0	9 8	9 0	8 8
Kángra	*	11 0	*	11 0	‡	11 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	13 0	12 0	13 0	12 0	13 0	12 8
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	13 0	12 8	12 8	12 4	12 0	12 0
Jhang	12 8	12 0	12 4	12 0	12 4	12 0
Montgomery	12 12	12 8	12 12	12 8	12 12	12 8
Lahore	13 8	12 14	13 10	12 14	13 2	12 10
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 12
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	14 0	13 8	14 0	13 0	13 12	13 8
Shahpur	13 8	13 0	13 8	13 0	13 0	12 8
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	13 0	14 0	14 0	13 10	13 8
Hazára	*	11 8	*	11 8	*	11 0
Peshâwar	17 0	16 0	17 0	16 0	13 0	12 0
Kohát	19 12	15 15	19 12	15 15	17 15	1[illegible] 2
Bannu	22 8	20 10	22 8	20 10	22 8	20 0
D. I. Khan	16 12	16 4	16 8	16 0	16 0	15 0
D. G. Khan	12 0	11 0	11 9	11 4	12 8	11 4
Muzaffargarh	12 0	12 0	12 6	12 0	12 0	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH NOVEMBER 1898—concluded.

15			16			1	
THE ORDINARY SEER OF 80 TOLAS.							
Gur.			Cotton (unginned).				
Present fortnight ending 15th November 1898.	Past fortnight ending 31st October 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th November 1898.	Past fortnight ending 31st October 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs. C	Srs. C.	Srs. C	Srs. C.	Srs. C.	Srs. C.		
9 0	11 0	10 0	8 0	8 0	8 0	Hissar.	
11 0	11 0	10 0	11 0	10 0	10 0	Rohtak.	
10 0	10 0	8 0	10 0	9 8	9 0	Gurgaon.	
8 0	7 12	7 8	9 8	9 12	9 0	Delhi.	
11 0	11 0	10 0	12 0	12 0	10 0	Karnál.	
9 8	8 8	0 0	11 0	11 0	8 0	Umballa.	
5 0	10 0	5 8	†	†	†	Simla.	
6 8	6 0	6 0	6 0	6 0	6 0	Kángra.	
9 8	7 8	9 0	10 0	9 8	10 0	Hoshiárpur.	
7 8	7 8	6 8	11 0	11 0	10 0	Jullundur.	
7 8	6 8	7 0	9 8	9 0	8 0	Ludhiána.	
7 12	7 12	6 4	9 12	10 8	7 12	Ferozepore.	
7 0	8 0	6 0	9 0	9 0	8 0	Mooltan.	
9 0	9 0	6 12	11 8	11 8	10 0	Jhang.	
9 0	8 0	8 0	10 0	10 0	‡	Montgomery.	
8 0	7 8	6 6	9 14	10 2	8 2	Lahore.	
8 12	7 12	6 12	9 12	9 12	8 12	Amritsar.	
10 0	9 0	7 0	9 0	9 0	8 0	Gurdáspur.	
10 0	10 0	7 8	9 0	9 0	8 0	Siálkot.	
8 8	8 0	7 0	9 0	9 0	8 0	Gujrát. (a)	
8 12	9 0	8 0	10 8	10 0	8 0	Gujránwála.	
9 0	8 0	8 0	10 0	10 0	9 0	Shahpur.	
9 0	8 4	7 4	9 0	9 0	9 0	Jhelum.	
9 0	7 12	7 12	9 0	8 12	8 12	Ráwalpindi.	
6 2	7 0	5 8	§	§	§	Hazára.	
6 10	6 10	6 11	10 0	9 10	8 12	Pesháwar.	
7 8	7 8	7 0	11 8	11 8	11 8	Kohát.	
9 14	10 3	10 15	10 0	8 12	10 0	Bannu.	
8 12	8 8	8 12	‡	‡	11 0	D. I. Khan.	
7 0	6 4	6 4	11 0	10 10	§	D. G. Khan.	
8 0	7 8	8 8	9 8	10 0	8 0	Muzaffargarh.	

sale salt sold.
duced.

eurable.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS

1	2	3	4	5	6	7	8	9	10	11	12
	WHOLESALE PRICE PER MAUND OF $82\frac{2}{7}$ lbs.										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi	2 8 0	3 5 4	2 4 7	1 9 1	1 11 3	1 13 9	1 9 1	2 0 10	2 15 5	4 0 0	3 5 [illegible]
Ferozepore ...	1 6 10	4 0 0	2 3 7	1 5 4	1 9 7	2 0 10	1 8 7	1 9 7	3 10 2	4 7 1	5 0 [illegible]
Mooltan	1 6 0	2 6 9	2 8 0	1 12 2	1 9 7	1 14 6	1 9 7	2 2 0	...	4 7 0	3 10 [illegible]
Lahore	1 9 2	3 1 4	2 0 10	1 2 0	1 9 2	2 0 0	1 6 0	1 10 9	3 2 8	3 10 2	3 4 [illegible]
Amritsar	1 10 8	3 5 4	2 0 0	...	...	...	...	1 9 7	...	...	...
Ráwalpindi ...	1 9 6	5 8 11	2 4 0	1 5 6	1 4 0	1 11 9	1 9 6	1 15 3	3 7 0	3 10 1	3 10 [illegible]

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH NOVEMBER 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
OR 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
20 0 0	5 0 0	4 13 7	10 0 0	32 0 0	2 10 8	8 0 0	12 4 11	...	0 10 8	0 12 10	0 10 8	125 0 0	60 0 0
5 11 5	5 0 6	5 0 0	11 0 0	31 8 0	2 13 8	5 0 0	13 5 4	45 0 0	0 5 0	0 6 6	0 6 6	75 0 0	50 0 0
6 10 8	5 0 0	5 5 4	12 5 4	32 0 0	3 1 3	10 0 0	13 5 4	...	0 4 11	0 7 0	0 8 0	70 0 0	50 0 0
4 10 2	4 8 2	4 11 3	11 3 7	33 12 0	2 7 0	5 5 4	12 4 11	32 8 0	0 10 8	0 7 1	...	112 8 0	100 0 0
...	4 3 4	4 7 1	12 4 11	...	2 4 1	...	...	...	...	0 6 5	...	100 0 0	...
5 0 0	4 0 0	4 7 1	14 8 0	29 1 6	2 8 0	4 0 0	13 5 4	29 0 0	0 5 4	0 9 2	0 5 4	60 0 0	60 0 0

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

MONTHLY RAINFALL OF KILBA (SIMLA DISTRICT) IN THE PUNJAB FOR THE MONTH OF OCTOBER 1898

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab Hill Division.	Simla.	Kilba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

RECEIVED TOO LATE FOR INSERTION IN THE SUPPLEM ENT TO PUNJAB GAZETTE DATED 17TH NOVEMBER 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th	31st.	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1898 up to 31st October 1898.	Average rainfall from 1st October up to 31st October.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	0	2'4	0	1'19	0	0	1'19	Kilba ...	Simla.	Punjab Hill Division.

P. D. SHROFF, SUPERINTENDENT,

Office of Director of Land Records and Agriculture, Punjab.

PUBLIC WORKS DEPARTMENT,

Irrigation Operations of Fast Rabi

	Canals.	Water distributed during October 1898. Depth in Canal at regulating gauge. Full supply.	Depth in Canal at regulating gauge. Actual throughout.	Gross consumption, cubic feet per second. Designed full supply.	Gross consumption, cubic feet per second. Actual average throughout.
	1	2	3	4	5
	MAJOR IRRIGATION WORKS.				
Swat River Canal	... ...	6·00	5·10	700	580
	Total ...	...	...	700	580
Western Jumna Canal	At Dádupur	7·00	6·10	6,178	5,025
	Main Line, Major Distributaries	...	...	500	479
	Sirsa Branch	...	4·60	1,800	1,148
	Delhi Branch	...	6·50	1,850	1,443
	Hánsi Branch	...	6·80	2,150	1,704
	Loss in Main Line	...	...	...	207
	Total utilized ...	...	...	...	4,981
	Escapage (including Canal Tail)	...	...	...	44
	Total ...	...	...	6,178	5,025
Bari Doab Canal	Main Canal (Head Gauge, Rapid No. 2)	3·63	3·08	3,555	2,782
	Salampur Feeder	4·00	1·50	1,445	511
	Total entering Canal ...	...	...	5,000	3,293
	Kasúr Branch Lower at Tarsika	5·40	3·00	53	283
	Sobraon Branch at Gagarbhana	4·95	2·38	437	248
	Main Line and Main Branch Upper Distributaries ...	...	...	...	184
	Main Branch Lower	4·58	3·24	2,245	1,553
	Lahore Branch	2·69	1·59	920	553
	Absorption in Main Line and Kasúr Branch Upper ...	...	...	...	459
	Total utilized ...	...	...	...	3,280
	Escapage	...	...	...	13
	Total ...	...	...	5,000	3,293
Sirhind Canal	Main Line*	9·43	10·85	6,000	6,925
	Abohar Branch	5·96	6·53	2,052	[illegible]84
	Bhatinda Branch	5·97	6·10	1,788	1,012
	Feeders	9·30	9·55	2,160	2,307
	Loss in Main Line	...	...	...	501
	Total utilized ...	...	...	...	6,904
	British Escapes	...	...	...	21
	Total ...	...	...	6,000	6,925
	Carried over ...	...	...	...	...

PUNJAB, IRRIGATION BRANCH.

of 1898 *up to* 31*st October* 1898.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck	Average.	During month.	Name.	Area irrigated *during* October 1898.	Area irrigated *to end of* October 1898.	Area irrigated *to end of* October 1897.	Remarks.
6	7	8	9	10	11	12	13	14	15
Peshāwar ...	8,18[illegible]	12	0·12	...	Wheat ...	4,686	4,686	9,696	Canal ran throughout the month. Supply was less than the demand.
					Barley ...	1,200	1,200	2,874	
					Mixed grain ...	...	...	...	
					Saron ...	437	437	1,684	
					Gram ...	...	...	...	
					Senji ...	...	...	...	
					Miscellaneous	1,858	1,858	5,250	
...	8,181	...	...	...	...	8,181	8,181	19,504	
Umballa ...	4[illegible]		0·[illegible]	...	Wheat ...	42,976	42,976	8,75[illegible]	Canal ran the full month. Demand high and exceeded supply from 7th October onwards.
Karnál ...	35,939		0·05	...	Barley ...	1,321	1,321	362	
Rohtak ...	1[illegible]		0·[illegible]	...	Mixed grain ...	10,072	10,072	7,35[illegible]	
Delhi ...	19,157	20	0·1[illegible]	...	Sarson ...	667	667	30	
Hissar ...	43,102		0·0[illegible]	...	Gram ...	21,764	21,764	2,295	
Jínd ...	1,6[illegible]8		0·[illegible]	...	Senji ...	...	...	...	
Bikanir ...	5[illegible]	...	...	...	Miscellaneous	48,033	48,033	34,095	
Kalsia ...	201	...	...	...	Sugarcane ...	...	81,876	73,799	
Patiála ...	8,65[illegible]	6	...	...					
Sugarcane area	81,876	...	...	...					
...	206,709	...	...	...	...	124,833	206,709	126,682	
Gurdáspur ...	3,94[illegible]		0·21	...	Wheat ...	7,756	7,756	18,405	Canal ran throughout the month.
Amritsar ...	29,6[illegible]0	19	0·2[illegible]	...	Barley ...	102	19	2[illegible]	
Lahore ...	30,[illegible]02		0·21	...	Mixed grain ...	3,703	3,70[illegible]	4,166	
Sugarcane area	26,287	...	...	...	Sarson ...	258	258	167	
					Gram ...	9,089	9,089	11,461	
					Senji ...	4,232	4,232	6,351	
					Miscellaneous	38,675	38,675	54,298	
					Sugarcane ...	26,287	*26,287	...	
...	90,192	...	...	...	...	90,192	90,192	95,086	
Ludhiána ...	13,15[illegible]	15	0·12	...	Wheat ...	14,990	14,99[illegible]	3,571	Canal ran throughout the month. The area on the British Branches is the largest on record. The Native States area is below the average of the past five rabicrops. This is probably due to the irrigation not being fully written up, as the demand everywhere has been very keen.
Ferozepore ...	128,61[illegible]		0·13	...	Barley ...	8,220	8,22[illegible]	553	
Hissar ...	[illegible]61	...	...	...	Mixed grain ...	2,274	2,274	345	
Farídkot State	17,579	...	...	...	Sarson ...	48,803	48,803	1,936	
Patiála „ ...	26,50[illegible]			...	Gram ...	8,[illegible]26	8,826	3,312	
Nábha „ ...	5,66[illegible]	15	0·22	...	Senji ...	1,184	1,184	23[illegible]	
Jínd „ ...	1,4[illegible]1			...	Miscellaneous	108,766	108,766	101,659	
Kalsia „ ...	8[illegible]	...	...	...	Sugarcane ...	953	953	...	
...	194,016	...	...	...	...	194,016	*194,016	111,615	
...	499,09[illegible]	...	...	...	...	417,222	499,098	352,887	

* Includes the following areas irrigated by Native States Branches, *viz.*—

	During October 1898.	To end of October 1898.	To end of October 1897.
Patiála State	6,288 acres.	6,288 acres.	886 acres.
Nábha „	36 „	36 „	... „
Jínd „	1,212 „	1,212 „	1,508 „

Irrigation Operations of Fasl Ra

Canals.	Water distributed during October 1898.			
	Depth in Canal at regulating gauge.		*Gross consumption, cubic feet per second.*	
	Full supply.	Actual throughout.	Designed full supply.	Actual average throughout.
1	2	3	4	5
Brought forward ...	...	...	...	...
MAJOR IRRIGATION WORKS—concluded.				
Chenab Canal. Main Line	9·60	10·14	8,313	6,442
Kot Nikka Branch	5·00	...	324	311
Mián Ali Branch	6·15	7·60	805	909
Rakh Branch	5·90	6·07	1,122	1,326
Jhang Branch { Upper	9·00	8·37	1,522	1,199
Jhang Branch { Lower	7·00	5·45	726	779
Bhawána Branch	6·00	5·70	434	397
Gugera Branch (for construction only)	9·00	4·30	2,986	827
Distributaries of Main Line	...	...	394	298
Loss in Main Line	...	...	...	348
Total Main Line ...	...	...	...	6,394
Escapage	...	...	...	48
Total ...	...	...	8,313	6,442
Lower Sohag and Para Canal	7·00	1·80	1,420	172
Total ...	...	...	1,420	172
Sidhnai Canal	7·00	1·45	1,600	167
Subsidiary Canals	...	...	520	11
Total ...	...	...	2,120	178
Abstract—Major Irrigation Works—				
Swat River Canal	...	...	700	[illegible]
Western Jumna Canal	...	...	6,178	5,025
Bári Doáb Canal	...	...	5,000	3,293
Sirhind Canal	...	...	6,000	6,925
Chenab Canal	...	...	8,313	6,442
Lower Sohág and Pára Canal	...	...	1,420	172
Sidhnai Canal	...	...	2,120	178
Total ...	...	...	...	...

of 1898 *up to* 31*st October* 1898—continued.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* October 1898.	Area irrigated *to end of* October 1898.	Area irrigated *to end of* October 1897.	
6	7	8	9	10	11	12	13	14	15
...	499,098	...	...	...	...	417,222	499,098	352,887	
Gujránwála ...	31,505	...	...	...	Wheat ...	38,067	38,067	28,801	Canal ran throughout the month.
Jhang ...	74,225	...	...	...	Barley ...	2,089	2,089	2,019	
Lahore, 4th Division.	330	...	...	...	Mixed grain ...	31	31	...	
Montgomery, 4th Division.	685	...	...	...	Sarson ...	48,466	48,466	20,759	
					Gram ...	1,983	1,983	1,094	
Temporary irrigation in 3rd Division Chenab Canal.	330	...	...	...	Senji ...	932	932	90	
					Miscellaneous	13,506	13,506	7,176	
					Temporary irrigation in 3rd Division, Chenab Canal.	330	330	...	
Kharif irrigation.	27,914	..	..	...	Sugarcane ...	1,671	29,585	...	
...	134,989	...	...	...	...	107,075	*134,989	59,939	
Montgomery	45,386	5	...	...	Wheat ... Barley ... Mixed grain ... Sarson ... Gram ... Senji ... Miscellaneous	45,386	45,386	47,418	Canal closed on 8th October 1898.
...	45,386	...	...	...	...	45,386	45,386	47,418	
Mooltan ...	49,798	36	...	...	Wheat ...	...	...	...	
					Barley ...	...	...	...	
					Mixed grian ...	...	...	...	
					Sarson ...	...	...	...	
					Gram ...	...	...	...	
					Senji ...	...	...	...	
					Miscellaneous	49,798	49 798	84,288	
...	49,798	...	...	...	...	49,798	49,798	84,288	
...	8,181	...	...	...	...	8,181	8,181	19,504	
...	206,709	...	...	...	...	124,833	206,709	126,682	
...	90,192	...	...	...	...	90,192	90,192	95,086	
...	194,016	...	...	...	...	194,016	194,016	111,615	
...	134,989	...	...	...	...	107,075	134,989	59,939	
...	45,386	...	...	...	...	45,386	45,386	47,418	
...	49,798	...	...	...	...	49,798	49,798	84,288	
...	729,271	...	...	...	...	619,481	729,271	544,532	

*Of this 40,257 acres are free of charge.

Irrigation Operations of Fasl Rabi

Canals.	Water distributed during October 1898. Depth in Canal at regulating gauge. Full supply.	Actual throughout.	Gross consumption, cubic feet per second. Designed full supply.	Actual average throughout.
1	2	3	4	5
Total Major Irrigation Works brought forward ...	...	...	...	...
MINOR IRRIGATION WORKS.				
Upper Sutlej Canals. Katora Canal	7·00	Dry.	685	Dry.
Khánwah "	7·00	2·30	1,290	159
Upper Sohág "	7·00	2·90	1,540	634
Total ...	...	...	3,515	793
Shahpur Canals (Imperial). Eastern Station Canal	6·00	Canals closed	350	...
Western " "	6·00		200	...
Sáhiwál Canal	8·00		550	...
Total ...	...	...	1,100	...
Lower Sutlej and Chenab Canals	...	...	...	...
Indus Canals	...	...	...	...
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals. Northern Canal Head	7·00	1·15	566	21
Southern Canal Head	6·50	1·40	434	30
Minor Channels	...	...	100	3
Total utilized ...	...	...	1,100	54
Bikanir Border.				
Northern Canal	6·00	0·75	283	7
Southern Canal	5·00	1·20	217	18
Total Bikanir ...	...	...	500	25
Utilized British Territory	...	...	600	29
Total ...	...	...	1,100	54
Abstract—Minor Irrigation Works— Upper Sutlej Canals	...	...	3,515	793
Shahpur Canals (Imperial)	...	...	1,100	...
Lower Sutlej and Chenab Canals ...	...	...	...	...
Indus Canals	...	...	...	...
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals	...	...	1,100	54
Total ...	...	...	...	...
Shahpur Canals (Provincial). Rániwah West Canal	7·00	Canals closed	520	...
" East "	7·00		300	...
Corbynwah Canal	5·00		113	...
Total ...	...	...	933	...
Total Major Irrigation Works	...	...	...	...
Total Minor Irrigation Works	...	...	...	...
Total Major & Minor Irrigation Works (Imperial)	...	...	...	...
Shahpur Canals (Provincial)	...	...	...	...
GRAND TOTAL	...	...	...	...

LAHORE:
The 21st November 1898.

of 1898 *up to* 31*st Octoter* 1898—concluded.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck	Average.	During month.	Name.	Area irrigated *during* October 1898.	Area irrigated *to end of* October 1898.	Area irrigated *to end of* October 1897.	
6	7	8	9	10	11	12	13	14	15
...	729,271	...	...	...	...	619,481	729,271	544,532	
Lahore ...	17,577	5	...	...	Wheat ...				
					Barley ...				
					Mixed grain...				
Montgomery	57,849	...	...	...	Sarson ...	75,426	75,426	68,374	
					Gram ...				
					Senji ...				
					Miscellaneous				
...	75,426	...	...	...	...	75,426	75,426	68,374	
Shahpur ...	23,088	9	0·12	...	Wheat ...				
					Barley ...				
					Mixed grain...				
					Sarson ...	23,088	23,088	22,023	Details by crops not yet known.
					Gram ...				
					Senji ...				
					Miscellaneous				
...	23,088	...	...	...	...	23,088	23,088	22,023	
Mooltan ...	288,361	36	0·01	...	...	127,016	288,361	294,885	
D. G. Khan...	46,672	10	...	...	...	46,672	46,672	49,724	
Muzaffargarh	150,088	5	...	...	...	61,106	150,088	172,330	
Hissar ...	2,326	...	...	...	Wheat ...	206	206	38	River supply practically *nil* during month, and the lake was dry at its close.
Bikanir State	6,32[illegible]	...	...	...	Barley ...	510	510	13	
					Mixed grain...	...	...	...	
					Sarson ...	1,015	1,015	109	
					Gram ...	...	...	12	
					Senji ...	...	...	...	
					Miscellaneous	6,915	6,915	9,021	
...	8,646	...	...	...	...	8,646	8,646	9,193	
...	75,426	...	...	...	...	75,426	75,426	68,374	
...	23,088	...	...	...	...	23,088	23,088	22,023	
...	288,36	...	...	...	...	127,016	288,361	294,885	
...	46,672	...	...	...	...	46,672	46,672	49,724	
...	150,088	...	...	...	...	61,106	150,088	172,330	
...	8,646	...	...	...	...	8,646	8,646	9,193	
...	592,28	...	...	...	...	341,954	592,281	616,529	
Shahpur ...	12,521	9	0·21	...	Wheat ...				
					Barley ...				
					Mixed grain...				
					Sarson ...	12,521	12,521	11,811	Details by crops not yet known.
					Gram ...				
					Senji ...				
					Miscellaneous				
...	12,521	...	...	...	...	12,521	12,521	11,811	
...	729,271	...	...	...	...	619,481	729,271	544,532	
...	592,281	...	...	...	...	341,954	592,281	616,529	
...	1,321,552	...	...	...	...	961,435	1,321,552	1,161,061	
...	12,521	...	...	...	...	12,521	12,521	11,811	
...	1,334,073	...	...	...	...	973,956	1,334,073	1,172,872	

L. M. JACOB,
Under-Secretary to Government, Punjab,
P. W. D., Irrigation Branch.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 5TH NOVEMBER 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	7	16	23	9	4	5	...	...	...	7	...	...	2	...	1	1	71	28	1
2		Hansi ...	15,190	14	11	25	14	6	8	...	...	...	9	...	...	5	1	2	3	86	48	2
3		Bhiwani ...	35,487	21	11	32	29	14	15	...	...	...	13	2	...	14	6	3	9	47	43	3
4		Sirsa ...	16,415	12	5	17	21	10	11	...	...	...	14	...	...	7	4	2	6	54	67	4
5	Rohtak ...	Rohtak ...	16,191	13	9	22	2	...	2	...	...	...	1	...	...	1	...	...	...	71	6	5
6		Jhajjar ...	11,881	6	3	9	11	7	4	...	...	...	7	1	...	3	3	2	5	39	48	6
7	Gurgaon ...	Rewari ...	27,934	6	11	17	7	2	5	...	...	...	3	...	1	3	1	3	4	32	13	7
8		Palwal ...	11,227	12	6	18	13	6	7	...	...	...	8	...	...	5	3	3	6	84	60	8
9	Delhi ...	Delhi ...	189,648	87	89	176	128	65	63	...	...	...	68	2	2	56	23	21	44	48	35	9
10		Sonepat ...	12,611	6	7	13	8	1	7	...	...	...	4	...	1	3	...	1	1	54	33	10
11	Karnal ...	Karnal ...	21,530	19	11	30	14	8	6	...	...	...	8	4	...	2	5	...	5	73	34	11
12		Kaithal ...	15,768	10	3	13	12	6	6	...	...	...	4	1	...	7	2	1	3	43	40	12
13		Panipat ...	27,547	18	11	29	18	11	7	...	...	...	7	3	...	8	6	1	7	55	34	13
14		Shahabad ...	11,473	5	3	8	8	2	6	...	...	...	3	3	...	2	1	...	1	36	36	14
15	Umballa ...	Umballa ...	26,856	10	16	26	13	6	7	...	...	...	7	...	...	6	..	1	1	50	25	15
16		Jagadhri ...	13,029	7	5	12	11	3	8	...	...	...	6	...	...	5	1	3	4	48	44	16
17		Sadhaura ...	10,445	8	1	9	3	2	1	...	...	...	3	...	...	...	1	...	1	45	15	17
18	Hoshiarpur	Hoshiarpur ...	17,546	Returns not received.																		18
19		Tanda and Urmar	11,632																			19
20	Jullundur ...	Jullundur ...	50,375	28	34	62	35	15	20	...	...	...	13	3	...	19	5	6	11	64	36	20
21		Rahon ...	10,667	4	7	11	14	6	8	...	...	...	5	4	...	5	1	6	7	54	68	21
22		Kartarpur ...	10,441	6	4	10	6	4	2	...	...	...	3	...	...	3	2	1	3	50	30	22
23	Ludhiana ...	Ludhiana ...	46,024	22	18	40	34	13	21	...	...	...	20	5	...	9	3	5	8	45	39	23
24		Jagraon ...	18,116	7	6	13	7	3	4	...	...	...	3	...	...	4	2	...	2	37	20	[illegible]
25	Ferozepore ...	Ferozepore ...	25,337	12	12	24	18	9	9	...	...	...	12	1	...	5	4	1	5	49	37	25
26	Mooltan ...	Mooltan ...	64,265	57	44	101	60	32	28	...	...	...	37	10	...	13	14	5	19	82	49	26
27	Jhang ...	Maghiana ...	13,866	15	11	26	18	11	7	...	...	...	6	...	...	12	8	1	9	98	68	27
		Chiniot ...	13,476	11	11	22	12	4	8	...	...	...	3	...	...	9	...	3	3	85	46	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	65	71	136	120	72	48	...	...	...	76	9	...	35	14	11	25	44	39	29
30		Kasur ...	20,290	12	6	18	15	11	4	...	...	...	7	2	...	6	3	1	4	46	39	30
31		Chunian ...	10,339	7	5	12	19	11	8	...	...	...	12	...	...	7	6	3	9	61	96	31
32	Amritsar ...	Amritsar ...	135,401	7	53	128	110	53	57	...	...	...	66	9	...	35	19	11	30	49	42	32
33	Gurdaspur ...	Batala ...	27,223	22	12	34	22	11	11		...	...	14	3	...	5	1	...	1	65	42	33
34	Sialkot ...	Sialkot ...	33,965	25	23	52	48	24	24	...	...	...	36	4	...	8	8	1	9	80	74	34
35	Gujrat ...	Gujrat ...	17,671	7	6	13	20	8	12	...	...	...	12	...	...	8	2	5	7	38	59	35
36		Jalalpur ...	11,065	8	6	14	20	8	12	...	...	...	8	4	...	8	2	3	5	66	94	36
37	Gujranwala ...	Gujranwala ...	25,892	8	8	16	12	5	7	...	...	...	3	...	...	9	1	4	5	32	24	37
38		Wazirabad ...	15,786	7	6	13	24	13	11	...	...	...	16	1	...	7	...	4	4	43	79	38
39	Shahpur ...	Bhera ...	17,428	8	4	12	15	6	9	...	...	...	4	1	...	10	2	3	5	36	45	39
40	Jhelum ...	Pind Dadan Khan	15,055	6	4	10	10	6	4	...	...	...	5	1	...	4	1	1	2	35	35	40
41	Rawalpindi ...	Rawalpindi ...	38,334	21	18	39	52	26	26	...	...	...	33	...	1	18	8	7	15	53	71	41
42	Peshawar ...	Peshawar ...	63,079	20	24	44	49	18	31	...	...	...	37	1	...	11	4	5	9	36	41	42
43	Kohat ...	Kohat ...	14,347	7	2	9	10	7	3	...	...	...	6	1	...	3	2	...	2	33	36	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	18	14	32	30	12	18	...	...	...	19	5	...	6	4	5	9	77	73	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	7	10	17	24	13	11	...	...	...	10	5	1	8	2	3	5	37	52	45
	Grand Total	...	1,383,597	750	637	1,387	1,125	554	571	...	...	...	638	85	6	396	175	139	314	52	42	
	Hill Sanitaria.																					
	Simla ...	...	13,279	...	1	1	5	3	2	...	...	...	4	...	...	1	...	...	...	4	20	
	Dharmsala ...	...	2,778	...	1	1	3	1	2	...	...	...	2	...	...	1	...	...	...	19	56	
	Dalhousie ...	...	807	...	...	...	1	1	...	...	...	...	...	1	...	...	...	...	...	...	65	
	Murree ...	...	1,459	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	36	...	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 22nd November 1898.

C. J. BAMBER, LIEUT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 5TH NOVEMBER 1898.

Births and Deaths in Municipal Towns.—In the 43 large Municipal towns 1,387 births were registered (750 males and 637 females), giving a birth-rate of 52 per *mille* of population; 1,125 deaths were registered (554 males and 571 females), giving a death-rate of 42 per *mille* of population.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 22nd November 1898.

C. J. BAMBER, LIEUT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 5th November 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other Earnings (estimated).	Total Earnings.	Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs A. P.			
Total traffic for the week	16,924	18,624 0 0	64,505 20	11,814 0 0	47 0 0	30,485 0 0	7,501	4,686	12,187
Or per mile of Railway	...	114 12 8	...	72 13 1	0 4 8	187 14 5	...	...	...
For previous 17$\frac{3}{7}$ weeks of half-year	*293,839	*2,61,403 4 0	†1,001,728 20	†1,56,286 11 0	‡919 0 0	4,18,608 15 0	123,971	52,334	176,305
Total for 18$\frac{3}{7}$ weeks ...	310,763	2,80,027 4 0	1,066,234 0	1,68,100 11 0	966 0 0	4,49,093 15 0	131,472	57,020	188,492
COMPARISON.									
Total for corresponding week of previous year ...	18,055	18,395 4 0	90,647 10	15,839 11 0	87 3 9	34,322 2 9	7,057	4,137	11,194
Per mile of Railway corresponding week of previous year.	...	113 6 2	...	97 10 1	0 8 7	211 8 10	...	...	...
Total for corresponding 18$\frac{3}{7}$ weeks of previous year ...	306,641	3,76,378 8 8	1,453,135 10	2,38,272 7 10	1,753 15 9	6,16,405 0 3	144,495	77,362	221,857

* Added No. of passengers 511 and deducted Rs. 284 }
† Deducted Mds. 5,669 and " 1,730 } On account of difference between the Approximate and Audited figures for the week ended 17th September 1898.
‡ Do. " 6 }

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 10th November 1898.

T. BASHFORD,
Acting Chief Auditor.

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF SEPTEMBER 1898.

Month.	Documents registered.			Total collections, inclusive of copying fees.	Total expenditure, inclusive of that paid out of copying fees.	Remarks.
	Compulsory.	Optional.				
		Relating to immoveable property.	Others.			
				Rs.	Rs.	
September 1898	5,799	2,335	617	22,604	8,782	
September 1897	5,600	2,927	556	22,241	8,577	
Difference ...	+ 199	— 592	+ 61	+ 363	+ 205	
First 6 months of 1898-99	55,229	22,602	4,458	2,02,769	63,586	
First 6 months of 1897-98	69,104	33,246	4,930	2,51,398	70,842	
Difference ...	— 13,875	— 10,644	— 472	— 48,629	— 7,256	

C. G. PARSONS, CAPTAIN,

Offg. Inspector-General of Registration, Punjab.

OFFICE OF INSPR.-GENL. OF REGTN., PUNJAB,
LAHORE:
The [illegible]th November 1898.

Punjab Government Press, Lahore—24-11 98—690.

No. 48 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, DECEMBER 1, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 29th NOVEMBER 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 17 seers ... Gram 22 seers. Bájra 22 seers.	Crops failed on dry land. Are being cut on irrigated area.	Crops on dry land not sown for want of rain. They are in good condition on wet land.
2	Delhi ...	...	1. Getting scarce. 2. Fair.	Wheat 17 seers... Gram 20½ seers. Bájra 21½ seers.	...	Crops in fair condition. Rain urgently wanted.
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 19½ to 20 seers. Gram 21½ to 22 seers. Maize 29 seers.	...	Sowings are being destroyed by rats in some villages. Young crops in need of rain.
4	Jullundur ...	...	2. Good ...	Wheat 21 seers ... Gram 23 seers. Barley 30 seers. Maize 29 seers.	...	Sowings continue.
5	Ferozepore ...	...	1. Sufficient ...	Wheat 18 seers ... Barley 30 seers. Maize 30 seers. Gram 25 seers. Jowár 25 seers. Bájra 20 seers.	...	Sowings in progress.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	...	Wheat 17½ seers...	Crops in good condition ...	Sowings in progress. Canals dry.
7	Lahore ...	...	1. Sufficient ...	Wheat 17 to 20 seers. Maize 28 to 29 seers.	Reaping going on. Canal-irrigated crops are good; well average and baráni bad.	Sowings continue.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 20½ seers Maize 31 seers.	Crops harvested. Sugarcane pressing going on.	Sowings in progress.
9	Siálkot ...	...	1. Sufficient ... 2. Fair.	Wheat 17½ to 19 seers. Rice 13 to 14 seers.	Picking of cotton, pressing of sugarcane and threshing of rice continue. Outturn average.	Sowings of wheat and barley continue.
10	Shahpur ...	...	1. Scarce ...	Wheat 17 to 20 seers. Bájra 22 to 24 seers.	...	Rain wanted. Stocks of food-grain sufficient.
11	Ráwalpindi ...	...	1. Sufficient ...	Wheat 17¾ seers Bájra 22 seers. Maize 25 seers.	...	Prospects good.
12	Pesháwar ...	...	1. Sufficient ... 2. Good.	Wheat 16¼ seers Maize $27\frac{5}{16}$ seers.	Condition of standing crops good ...	Wheat and barley still being sown.
13	D. I. Khan ...	...	1. Procurable except in Kuláchi Tahsíl. 2. Good.	Wheat $20\frac{7}{16}$ seers Bájra 23¾ seers.	Harvesting nearly finished ...	Sowings in progress.

GENERAL REMARKS.

Rainfall.—Nil.

Prices—Especially of wheat are falling in Delhi, Umballa, Pesháwar and Dera Ismail Khan and are unchanged elsewhere.

Wheat is selling from 16¼ to 21, gram 20½ to 25, barley 30, bulrush millet 20 to 24, maize 25 to 31, great millet 25 seers per rupee.

Agricultural operations.—Harvesting of autumn crops nearly over. Sugarcane pressing and spring crops sowings in progress. No crops have been sown on dry land in Hissar for want of rain. Rain urgently needed in some districts.

Crops and outturn.—Condition of standing crops is generally reported good. Crops on land dependent on rain have failed in Hissar and Lahore.

Damage done to crops.—Sowings are being destroyed by rats in parts of Umballa.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder is reported scarce in Delhi, Shahpur and parts of Dera Ismail Khan; sufficient elsewhere.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 12TH NOVEMBER 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,85[illegible]	11	10	21	15	6	9	-	...	...	7	...	...	8	3	...	3	65	46	1
2		Hansi ...	15,19[illegible]	7	4	11	14	5	9	...	...	...	7	3	...	4	2	2	4	38	48	2
3		Bhiwani ...	35,487	19	23	42	24	13	11	...	...	...	11	3	...	10	2	5	7	62	35	3
4		Sirsa ...	16,41[illegible]	6	13	19	20	9	11	...	...	...	10	...	...	10	3	4	7	60	64	4
5	Rohtak ...	Rohtak ...	16,19[illegible]	3	13	16	11	5	6	...		..	4	...	...	7	2	2	4	52	35	5
6		Jhajjar ...	11,881	6	8	14	5	2	3	.		...	3	...	...	2	1	1	2	61	22	6
7	Gurgaon ...	Rewari ...	27,934	11	13	24	5	2	3	...	...	..	3	...	..	2	...	1	1	45	9	7
8		Palwal ...	11,227	4	5	9	6	4	2	...	...	...	4	1	...	1	...	...	...	42	28	8
9	Delhi ...	Delhi ...	189,648	86	84	170	139	73	66	...	.	–	75	1	1	62	23	12	35	47	38	9
10		Sonepat ...	12,611	14	11	25	11	3	8	...	...	...	3	...	...	8	2	6	8	103	45	10
11	Karnal ...	Karnal ...	21,530	12	5	17	14	5	9	...	...	...	8	1	...	5	1	4	5	41	34	11
12		Kaithal ...	15,768	13	10	23	13	7	6	...	...	1	3	1	...	8	6	2	8	76	43	12
13		Panipat ...	27,547	23	18	41	22	8	14	...	...	...	14	...	...	8	1	3	4	78	42	13
14		Shahabad ...	11,473	4	5	9	5	3	2	...	...	...	4	...	...	1	..	1	1	41	23	14
15	Umballa ...	Umballa ...	26,856	11	13	24	21	6	15	...	...	...	6	3	...	12	2	4	6	47	41	15
16		Jagadhri ...	13,029	3	2	5	10	4	6	...	...	...	6	...	...	4	2	1	3	20	40	16
17		Sadhaura ...	10,445	6	2	8	6	3	3	...	...	...	4	...	...	2	...	..	...	40	30	17
18	Hoshiarpur	Hoshiarpur ...	17,546	6	12	18	12	9	3	...	...	...	3	1	1	7	5	2	7	53	36	18
19		Tanda and Urmar	11,632	7	1	8	10	7	3	...	...	...	7	1	...	2	2	...	2	36	45	19
20	Jullundur ...	Jullundur ...	50,375	21	20	41	32	16	16	...	...	...	17	...	...	15	6	5	11	42	33	20
21		Rahon ...	10,667	2	3	5	9	3	6	...	...	...	3	1	...	5	2	2	4	24	44	21
22		Kartarpur ...	10,441	4	2	6	3	2	1	...	...	...	1	...	...	2	...	1	1	30	15	22
23	Ludhiana ...	Ludhiana ...	46,024	18	14	32	28	19	9	...	...	...	12	1	...	15	5	5	10	36	32	23
24		Jagraon ...	18,116	15	7	22	13	7	6	...	...	...	2	...	1	10	3	3	6	63	37	24
25	Ferozepore ...	Ferozepore ...	25,337	2	14	16	19	10	9	...	...	...	12	2	...	5	4	2	6	33	39	25
26	Mooltan ...	Mooltan ...	64,265	29	25	54	42	16	26	...	...	...	23	7	...	12	6	9	15	44	34	26
27	Jhang ...	Maghiana ...	13,866	8	6	14	11	4	7	...	...	...	5	...	...	6	2	3	5	53	41	27
28		Chiniot ...	13,476	9	12	21	10	5	5	...	...	...	4	...	...	6	2	...	2	81	39	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Cause of Death. Plague.	Cause of Death. Small-pox	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	59	51	110	145	74	71	...	...	...	79	10	4	52	22	14	36	36	47	29
30		Kasur ...	20,290	12	7	19	14	8	6	...	...	...	8	1	...	5	2	2	4	49	36	30
31		Chunian ...	10,339	13	7	20	15	10	5	...	...	...	11	1	...	3	4	2	6	101	76	31
32	Amritsar ...	Amritsar ...	135,401	62	64	126	98	59	39	...	...	...	63	2	4	29	14	7	21	49	38	32
33	Gurdaspur ...	Batala ...	27,223	10	17	27	18	10	8		...	...	9	1	1	7	3	1	4	52	34	33
34	Sialkot ...	Sialkot ...	33,965	21	19	40	47	21	26	...	...	...	27	5	...	15	7	4	11	61	72	34
35	Gujrat ...	Gujrat ...	17,671	7	5	12	13	4	9	...	...	...	9	...	...	4	...	3	3	35	38	35
36		Jalalpur ...	11,065	8	4	12	7	3	4	...	...	...	2	1	...	4	...	1	1	57	33	36
37	Gujranwala...	Gujranwala ...	25,892	15	13	28	14	6	8	...	...	...	9	...	...	5	1	2	3	56	28	37
38		Wazirabad ...	15,786	10	11	21	23	13	10	...	...	...	16	...	...	7	7	3	10	69	76	38
39	Shahpur ...	Bhera ...	17,428	4	17	21	10	3	7	...	...	...	4	2	...	4	1	3	4	63	30	39
40	Jhelum ...	Pind Dadan Khan	15,055	6	5	11	13	6	7	...	...	...	5	5	...	3	1	1	2	38	45	40
41	Rawalpindi ...	Rawalpindi ...	38,334	22	6	28	41	18	23	...	...	...	26	1	...	14	5	9	14	38	56	41
42	Peshawar ...	Peshawar ...	63,079	27	9	36	41	20	21	...	...	...	34	1	...	6	7	2	9	30	34	42
43	Kohat ...	Kohat ...	14,347	6	8	14	8	2	6	...	...	...	5	...	...	3	...	1	1	51	29	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	15	8	23	10	3	7	...	...	...	2	4	...	4	2	2	4	56	24	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	11	2	13	15	5	10	...	...	...	10	1	...	4	2	3	5	25	33	45
	Grand Total	...	1,412,775	668	608	1,276	1,062	521	541	...	...	1	580	61	12	408	165	140	305	47	39	
	Hill Sanitaria.																					
	Simla ...	... ...	13,279	2	1	3	5	3	2	...	...	...	3	...	...	2	1	...	1	12	20	
	Dharmsala ...	... ...	2,778	1	...	1	2	2	...	...	...	...	...	1	...	1	1	...	1	19	38	
	Dalhousie ...	... ...	807	1	...	1	2	1	1	...	...	...	...	1	...	1	...	..	...		129	
	Murree ...	... ...	1,459	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 29th November 1898.

C. J. BAMBER, Lieut.-Col., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 12TH NOVEMBER 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 1,276 births were registered (668 males and 608 females), giving a birth-rate of 47 per *mille* of population; 1,062 deaths were registered (521 males and 541 females), giving a death-rate of 39 per *mille* of population.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 29th November 1898.

C. J. BAMBER, LIEUT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

DELHI-UMBALA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 12th November 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs A. P.	Rs A P.			
Total traffic for the week	16,832	20,002 6 0	64,621 20	11,111 1 0	51 0 0	31,164 7 0	7,781	6,121	13,902
Or per mile of Railway	...	123 4 8	...	68 7 9	0 5 0	192 1 5	...	...	...
For previous 18 6/7 weeks of half-year	*311,136	*2,79,482 4 0	†1,069,471 0	†1,68,595 11 0	‡970 0 0	4,49,047 15 0	131,472	57,020	188,492
Total for 19 6/7 weeks ...	327,968	2,99,484 10 0	1,134,092 20	1,79,706 12 0	1,021 0 0	4,80,212 6 0	139,253	63,141	202,394
COMPARISON.									
Total for corresponding week of previous year ...	20,256	20,792 1 4	89,221 30	16,983 0 0	98 10 0	37,873 11 4	7,070	4,522	11,592
Per mile of Railway corresponding week of previous year.	...	128 2 6	...	104 10 10	0 9 9	233 7 1	...	...	...
Total for corresponding 19 6/7 weeks of previous year ...	326,897	3,97,170 10 0	1,542,357 0	2,55,255 7 10	1,852 9 9	6,54,278 11 7	151,565	81,884	233,449

* Added No. of passengers 373 and deducted Rs. 546 }
† Do. Mds. 3,237 and „ 495 } On account of difference between the Approximate and Audited figures for the week ended 24th September 1898.
‡ Do. „ 4 }

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 17th November 1898.

T. BASHFORD,
Acting Chief Auditor.

Punjab Government Press, Lahore—1-12-98—690.

No. 49 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, DECEMBER 8, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 6th DECEMBER 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharff (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 17 seers ... Bájra 19 seers. Gram 22 seers.	...	Rabi not sown on dry land for want of rain. Canal crops promising.
2	Delhi ...	...	1. Getting scarce. 2. Fair.	Wheat 17 seers... Gram 20½ seers. Bájra 21½ seers.	...	Rabi prospects depend on winter rains.
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 19 to 20 seers. Gram 21½ to 22½ seers. Maize 29½ seers.	...	Rabi sowings completed, but are being damaged by rats in some villages; crops in need of rain.
4	J[illegible]ndur ...	...	2. Good ...	Wheat 20½ seers Gram 23 seers. Barley 29 seers. Maize 30 seers.	Sugarcane pressing going on.	Rain wanted.
5	Ferozepore ...	...	1. Sufficient ...	Wheat 18 seers ... Barley 30 seers. Maize 30 seers. Gram 25 seers. Jowár 25 seers. Bájra 20 seers.	...	Rabi sowings in progress. Rape and gram crops are reported to be damaged in Fázilka by an insect called Sundi.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	...	Wheat 17½ seers...	Crops in good condition.	Sowings in progress.
7	Lahore ...	...	1. Sufficient except in baráni villages. 2. Fair.	Wheat 18 to 20 seers. Maize 24 to 28½ seers.	Cotton picking going on. Outturn average	Sowings in progress. Crops not extensively sown for want of rain.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 20 seers ... Maize 30 seers.	Sugarcane pressing in progress.	Sowings in progress. Rain wanted for baráni sowings.
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 17½ to 18½ seers. Rice 13 to 14 seers.	Picking of cotton and pressing of sugarcane continue.	Sowings of wheat and barley continue.
10	Shahpur ...	...	1. Scarce ...	Wheat 18 to 20 seers. Bájra 22 to 25 seers.	...	Rain wanted. Stocks of food-grain sufficient.
11	Ráwalpindi ...	...	1. Sufficient ...	Wheat 17¾ seers Bájra 21 seers. Maize 25 seers.	...	Prospects good.
12	Peshawar ...	...	1. Sufficient ... 2. Good.	Wheat 16¼ seers Maize $26\frac{1}{16}$ seers.	Condition of standing crops good.	Wheat and barley still being sown.
13	D. I. Khan ...	...	1. Procurable...	Wheat 20½ seers Bájra 23 seers.	Harvesting finished.	Sowings in progress.

GENERAL REMARKS.

Rainfall.—Nil.

Prices—Rising in Jullundur, Amritsar and Siálkot; unchanged elsewhere.

Wheat is selling from 16¼ to 20⅝, gram 20½ to 25, barley 29 to 30, bulrush millet 19 to 25, maize 24 to 30, great millet 25 and rice 13 to 14 seers per rupee.

Agricultural operations.—Harvesting of autumn crops nearly finished. Picking of cotton and pressing of sugarcane continue. Sowings of spring crops in progress. Dry lands in Hissar have not been cultivated for want of rain. Rain is badly wanted in some districts.

Crops and outturn.—Condition and prospect of standing crops are generally reported good, but they mostly depend on winter rains.

Damage done to crops.—Spring crops are being damaged by rats in parts of Umballa and by insects in parts of Ferozepore.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder sufficient in all districts except Delhi and Shahpur.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 19TH NOVEMBER 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	11	9	20	12	7	5	...	...	...	9	...	...	3	1	1	2	62	37	1
2		Hansi ...	15,190	10	8	18	7	2	5	...	...	...	5	...	...	2	...	1	1	62	24	2
3		Bhiwani ...	35,487	23	19	42	24	13	11	...	...	...	7	4	...	13	5	2	7	62	35	3
4		Sirsa ...	16,415	15	6	21	23	14	9	...	...	...	17	...	...	6	5	3	8	67	73	4
5	Rohtak ...	Rohtak ...	16,191	8	13	21	7	2	5	...	...	...	6	...	...	1	1	...	1	68	23	5
6		Jhajjar ...	11,881	10	12	22	6	2	4	...	...	...	3	...	...	3	2	4	6	97	26	6
7	Gurgaon ...	Rewari ...	27,934	16	11	27	13	6	7	...	...	...	4	1	...	8	1	1	2	50	24	7
8		Palwal ...	11,227	9	7	16	6	4	2	...	...	...	4	...	...	2	1	1	2	74	28	8
9	Delhi ...	Delhi ...	189,648	116	112	228	121	61	60	...	...	...	74	1	2	44	16	13	29	63	33	9
10		Sonepat ...	12,611	4	6	10	9	3	6	...	...	...	4	1	...	4	1	5	6	41	37	10
11	Karnal ...	Karnal ...	21,530	8	15	23	19	10	9	...	...	...	8	3	1	7	1	3	4	56	46	11
12		Kaithal ...	15,768	10	6	16	9	5	4	...	...	1	4	...	...	5	2	...	2	53	30	12
13		Panipat ...	27,547	14	14	28	30	14	16	...	...	...	10	1	...	19	9	4	13	53	57	13
14		Shahabad ...	11,473	1	3	4	5	3	2	...	...	...	1	...	...	4	1	1	2	18	23	14
15	Umballa ...	Umballa ...	26,856	17	16	33	24	10	14	...	...	...	11	2	...	11	4	2	6	64	47	15
16		Jagadhri ...	13,029	3	4	7	5	1	4	...	...	...	3	...	...	2	...	1	1	28	20	16
17		Sadhaura ...	10,445	4	5	9	2	...	2	...	...	...	1	...	...	1	...	2	2	45	10	17
18	Hoshiarpur	Hoshiarpur ...	17,546	6	11	17	23	14	9	...	...	...	6	7	...	10	4	5	9	51	68	18
19		Tanda and Urmar	11,632	3	2	5	3	1	2	...	...	...	2	...	...	1	...	1	1	22	13	19
20	Jullundur ...	Jullundur ...	50,375	30	27	57	41	22	19	...	...	...	26	...	...	15	7	7	14	59	42	20
21		Rahon ...	10,667	4	7	11	5	3	2	...	...	...	2	...	...	3	1	...	1	54	24	21
22		Kartarpur ...	10,441	1	3	4	5	2	3	...	...	...	3	1	...	1	...	...	...	20	25	22
23	Ludhiana ...	Ludhiana ...	46,024	22	21	43	34	17	17	...	...	...	15	5	...	14	4	5	9	49	39	23
24		Jagraon ...	18,116	10	10	20	14	7	7	...	...	...	5	...	...	9	5	4	9	58	40	24
25	Ferozepore ...	Ferozepore ...	25,337	11	7	18	20	11	9	...	...	...	12	4	...	4	4	2	6	37	41	25
26	Mooltan ...	Mooltan ...	64,265	43	35	78	50	27	23	...	...	...	29	1	1	19	12	7	19	63	41	26
27	Jhang ...	Maghiana ...	13,866	13	6	19	22	12	10	...	...	...	9	...	...	13	4	5	9	71	83	27
28		Chiniot ...	13,476	13	21	34	14	3	11	...	...	...	3	...	...	11	3	6	9	132	54	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	82	56	138	133	72	61	...	...	...	80	12	1	40	18	10	28	45	43	29
30		Kasur ...	20,290	5	3	8	11	5	6	...	...	...	7	...	...	4	...	2	2	21	28	30
31		Chunian ...	10,339	6	7	13	19	13	6	...	...	...	5	1	...	13	7	5	12	66	96	31
32	Amritsar ...	Amritsar ...	135,401	72	66	138	123	69	54	...	...	...	60	8	3	52	12	9	21	53	47	32
33	Gurdaspur ...	Batala ...	27,223	21	11	32	22	9	13	...	...	...	16	...	...	6	3	3	6	61	42	33
34	Sialkot ...	Sialkot ...	33,965	18	26	44	30	17	19	...	...	...	15	3	...	18	8	3	11	68	55	34
35	Gujrat ...	Gujrat ...	17,671	8	9	17	9	7	2	...	...	...	6	1	...	2	2	...	2	50	27	35
36		Jalalpur ...	11,065	5	5	10	6	3	3	...	...	...	3	2	...	1	...	...	...	47	28	36
37	Gujranwala...	Gujranwala ...	25,892	12	9	21	16	8	8	...	...	...	6	...	1	9	1	2	3	42	32	37
38		Wazirabad ...	15,786	16	10	26	30	14	16	...	...	...	17	3	...	10	8	5	13	86	99	38
39	Shahpur ...	Bhera ...	17,428	12	4	16	17	7	10	...	...	...	8	2	1	6	2	1	3	48	51	39
40	Jhelum ...	Pind Dadan Khan	15,055	2	3	5	8	3	5	...	...	...	6	2	...	...	...	1	1	17	28	40
41	Rawalpindi ...	Rawalpindi ...	38,334	12	10	22	52	34	18	...	...	...	37	1	1	13	6	3	9	30	71	41
42	Peshawar ...	Peshawar ...	63,079	28	23	51	46	23	23	...	...	...	33	3	1	9	3	2	5	42	38	42
43	Kohat ...	Kohat ...	14,347	8	3	11	16	8	8	...	...	...	6	4	...	6	1	3	4	40	58	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	11	17	28	20	12	8	...	...	...	12	3	...	5	5	1	6	68	48	44
45	D. G. Khan ...	Dera Ghazi Khan						Return	not			received.										45
	Grand Total ...		1,388,876	753	678	1,431	1,117	580	537	...	...	...	600	76	12	429	170	136	306	54	42	
	Hill Sanitaria.																					
	Simla ...	... ...	13,279	1	1	2	6	2	4	...	...	...	3	...	...	3	...	1	1	8	24	
	Dharmsala ...	... ...	2,778	1	...	1	3	1	2	...	...	...	2	...	...	1	...	...	...	19	56	
	Dalhousie ...	... ...	807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,459	...	...	...	1	...	1	...	...	...	1	...	...	...	...	1	1	...		

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 6th December 1898.

C. J. BAMBER, Lieut.-Col., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 19TH NOVEMBER 1898.

Births and Deaths in Municipal Towns.—In the 44 large Municipal towns 1,431 births were registered (753 males and 678 females), giving a birth-rate of 54 per *mille* of population; 1,117 deaths were registered (580 males and 537 females), giving a death-rate of 42 per *mille* of population.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 6th December 1898.

C. J. BAMBER, LIEUT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

NORTH-WESTERN RAILWAY.

Abstract of Principal Commodities carried over the North-Western Railway during the month of September 1898 as compared with the same month of the previous year.

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		No.	No.	No.	No.	
1	Animals ...	25,194	934	...	24,260	
		Tons.	Tons.	Tons.	Tons.	
2	Coal and coke ...	2,180	2,714	534	...	
3	Cotton, raw ...	708	454	...	244	
4	Cotton, manufactured—					
	(1) Twist and yarn, European ...	247	307	60	...	
	(2) Twist and yarn, Indian ...	280	484	204	...	
	(3) Piece-goods, European ...	1,436	1,601	255	...	
	(4) Piece-goods, Indian ...	1,781	1,874	93	...	
5	Drugs and chemicals—					
	(1) Intoxicating other than opium ...	27	50	23	...	
	(2) Non-intoxicating—					
	(a) Cinchona bark ...	...	...	...	...	
	(b) Others ...	558	686	128	...	
6	Dyes and tans—					
	(1) Indigo ...	149	144	...	5	
	(2) Myrabolams ...	26	27	1	...	
	(3) Cutch ...	4	3	...	1	
	(4) Turmeric ...	185	435	250	...	
	(5) Alizarine and aniline dyes ...	85	61	...	24	
	(6) Others ...	469	569	100	...	
7	Grain and pulse—					
	(1) Wheat ...	37,260	16,234	...	21,026	
	(2) Rice in the husk ...	856	536	...	320	
	(3) Rice not in the husk ...	5,595	6,166	571	...	
	(4) Jowár and bájra ...	5,240	6,788	1,548	...	
	(5) Gram and pulse ...	13,245	6,729	...	6,516	
	(6) Others ...	4,183	2,771	...	1,412	
8	Hides and skins—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	193	206	13	...	
	(b) Raw ...	594	309	...	195	
	(2) Skins of sheep—					
	(a) Dressed or tanned ...	13	14	1	...	
	(b) Raw ...	609	585	...	24	
9	Horns ...	61	54	...	7	
10	Jute—					
	(1) Raw ...	2	6	4	...	
	(2) Gunny bags and cloth ...	1,889	1,534	...	355	
11	Lac—					
	(1) Stick ...	...	10	10	...	
	(2) Shell ...	15	27	12	...	
12	Leather, manufactured ...	229	227	...	2	
13	Liquors—					
	(1) Beer ...	811	715	...	96	
	(2) Spirits ...	78	29	...	49	
	(3) Wines ...	233	286	53	...	

No.	Staples.		1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
			Tons.	Tons.	Tons.	Tons.	
14	Metals—						
	(1) Copper, unwrought	...	38	47	9	...	
	(2) Brass, unwrought	...	66	67	1	...	
	(3) Copper, wrought	...	89	100	11	...	
	(4) Brass, wrought	...	105	117	12	...	
	(5) Iron	...	3,105	3,812	707	...	
	(6) Others	...	232	250	18	...	
15	Oils—						
	(1) Kerosene	...	1,171	1,292	121	...	
	(2) Castor	...	30	20	...	10	
	(3) Cocoanut oil	...	21	29	8	...	
	(4) Others	...	358	380	22	...	
16	Oil-seeds—						
	(1) Linseed	...	59	156	07	...	
	(2) Rape and mustard	...	1,818	6,106	4,288	...	
	(3) Til or jinjili	...	238	527	289	...	
	(4) Poppy	...	23	27	4	...	
	(5) Earthnut	...	10	15	5	...	
	(6) Castor	...	1	4	3	...	
	(7) Cotton seed	...	2,469	2,123	...	346	
	(8) Others	...	850	2,312	1,462	...	
17	Opium	...	6	8	2	...	
18	Paper and paste-boards	...	188	173	...	15	
19	Provisions—						
	(1) Ghi	...	1,679	583	...	796	
	(2) Dried fruits	...	1,770	1,659	...	111	
	(3) Flour	...	4,620	2,552	...	2,068	
	(4) Others	...	2,622	2,244	...	378	
20	Railway Materials for Public and Foreign Railways—						
	(1) Locomotive Engines and Tenders	...	1	...	...	1	
	(2) Carriages and Trucks	...	...	...	...	...	
	(3) Materials for construction—						
	(a) Wooden sleepers	...	774	...	...	774	
	(b) Other sorts	...	1,352	340	...	1,012	
21	Salt	...	6,651	7,482	831	...	
22	Saltpetre, &c.—						
	(1) Saltpetre	...	73	180	107	...	
	(2) Other saline substances	...	508	546	38	...	
23	Silk, raw—						
	(1) Foreign	...	30	37	7	...	
	(2) Indian	...	5	7	2	...	
24	Silk piece-goods—						
	(1) Foreign	...	5	1	...	4	
	(2) Indian	...	12	8	...	4	
25	Spices—						
	(1) Betelnuts	...	49	42	...	7	
	(2) Pepper	...	67	62	...	5	
	(3) Ginger	...	48	73	25	...	
	(4) Chillies	...	194	388	194	...	
	(5) Cardamums	...	14	15	1	...	
	(6) Others	...	367	225	...	142	
26	Stone and lime	...	4,742	12,304	7,562	...	
27	Sugar—						
	(1) Refined	...	3,318	3,267	...	51	
	(2) Unrefined	...	3,258	3,992	734	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
28	Tea—					
	(1) Foreign ...	24	31	7	...	
	(2) Indian ...	232	208	...	24	
29	Timber ...	3,453	4,383	930	...	
30	Tobacco—					
	(1) Unmanufactured ...	897	1,729	832	...	
	(2) Manufactured—					
	(a) Cigars ...	15	18	3	...	
	(b) Others ...	102	245	143	...	
31	Wool, raw ...	641	1,400	759	...	
32	Wool, manufactured—					
	(1) Piece-goods, European ...	56	86	30	...	
	(2) Piece-goods, Indian ...	248	202	...	46	
	(3) Shawls ...	...	...	...	...	
33	All other articles of merchandise—					
	(1) Firewood ...	4,164	5,346	1,182	...	
	(2) Manures ...	861	2,236	1,375	...	
	(3) Fodder ...	7,876	1,209	...	6,667	
	(4) Lucifer matches ...	77	111	34	...	
	(5) Others ...	8,257	6,431	...	1,826	
		No.	No.	No.	No.	
	Total ... Animals ...	25,194	934	...	24,260	
		Tons.	Tons.	Tons.	Tons.	
	Total ... Goods ...	149,180	130,332	...	18,848	

LAHORE:
The 21st November 1898.

J. LIGHTFOOT,
Examiner of Accounts, North-Western Railway.

BOMBAY, BARODA AND CENTRAL INDIA RAILWAY,

INCLUDING

RAJPUTANA-MALWA RAILWAY.

(INCLUDES THE RAJPUTANA STATE RAILWAY, THE HOLKAR STATE RAILWAY, THE SINDIA-NEEMUCH STATE RAILWAY, THE REWARI-FEROZEPORE STATE RAILWAY, AND THE CAWNPORE-ACHNERA STATE RAILWAY.)

Abstract of the Principal Commodities carried on the Rájpútána-Málwa Railway during the month of October 1898 as compared with the same month of the previous year.

	STAPLES.	Total 1898.	Total 1897.	Increase.	Decrease.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
I	COAL AND COKE CARRIED FOR THE PUBLIC AND FOREIGN RAILWAYS	2,054	3,834	...	1,780	
II	COTTON, RAW—					
	(1) Full pressed	238	706	...	468	
	(2) Intermediate and half pressed ...	14	...	14	...	
	(3) Unpressed	137	289	...	152	
III	COTTON, MANUFACTURED—					
	(1) Twist and Yarn, European ...	273	85	188	...	
	(2) Twist and Yarn, Indian ...	971	496	475	...	
	(3) Piece-goods, European ...	2,029	3,231	...	1 202	
	(4) Piece-goods, Indian	2,166	1,479	687	...	
IV	DRUGS AND CHEMICALS—					
	(1) Intoxicating other than opium ...	10	7	3	...	
	(2) Non-intoxicating—					
	(a) Cinchona bark	...	...	...	...	
	(b) Others	14	11	3	...	
V	DYES AND TANS—					
	(1) Indigo	33	38	...	5	
	(2) Myrabolams	15	22	...	7	
	(3) Cutch	3	6	...	3	
	(4) Turmeric	123	85	38	...	
	(5) Aniline dyes	84	97	...	13	
	(6) Others	298	278	20	...	
VI	GRAIN AND PULSE—					
	(1) Wheat	8,063	5,259	2,804	...	
	(2) Rice in the husk	539	574	...	35	
	(3) Rice not in the husk	2,017	1,905	112	...	
	(4) Jowár and Bájra	10,150	7,712	2,438	...	
	(5) Gram and Pulse	2,983	4,508	...	1,525	
	(6) Others	6,974	9,967	...	2,993	
VII	HIDES AND SKINS—					
	(1) Hides of cattle—					
	(a) Dressed or tanned ...	225	60	165	...	
	(b) Raw	173	260	...	87	
	(2) Skins of sheep, &c.—					
	(a) Dressed or tanned ...	32	51	...	19	
	(b) Raw	193	284	...	91	
VIII	HORNS	2	2	...	...	
IX	JUTE—					
	(1) Raw	420	101	319	...	
	(2) Gunny bags and cloth	995	729	266	...	
X	LAC—					
	(1) Stick	10	29	...	19	
	(2) Shell	35	1	34	...	
XI	LEATHER, MANUFACTURED	64	62	2	...	
XII	LIQUORS—					
	(1) Beer	272	147	125	...	
	(2) Spirits	1	...	1	...	
	(3) Wines	78	69	9	...	
XIII	METALS—					
	(1) Copper, unwrought	106	75	31	...	
	(2) Brass, unwrought	241	238	3	...	
	(3) Copper, wrought	40	43	...	3	
	(4) Brass, wrought	229	181	48	...	
	(5) Iron	1,867	1,525	342	...	
	(6) Others	138	194	...	56	
XIV	OILS—					
	(1) Kerosene	611	640	...	29	
	(2) Castor	35	11	24	...	
	(3) Cocoanut	57	49	8	...	
	(4) Others	163	322	...	159	

	Staples.	Total 1898.	Total 1897.	Increase.	Decrease.	Remarks.
		Tons.	Tons.	Tons.	Tons.	
XV	Oil-seeds—					
	(1) Linseed	1,656	203	1,453	...	
	(2) Rape and Mustard	1,961	767	1,194	...	
	(3) Til or Jinjili	462	275	187	...	
	(4) Poppy	406	214	192	...	
	(5) Earthnuts	...	...	...	...	
	(6) Castor	719	758	...	39	
	(7) Others	2,565	1,790	775	...	
XVI	Opium	287	398	...	111	
XVII	Paper and Paste-board	124	49	75	...	
XVIII	Provisions—					
	(1) Ghi	289	439	...	150	
	(2) Dried Fruits and Nuts ...	737	853	...	116	
	(3) Others	753	820	...	67	
XIX	Railway Plant and Rolling Stock carried for the Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders and parts thereof	167	...	167	...	
	(2) Carriages and trucks and parts thereof	210	570	...	360	
	(3) Materials—					
	(a) Steel rails and fish-plates ...	498	197	301	...	
	(b) Sleepers and keys of steel and cast-iron	5,883	229	5,654	...	
	(c) Other sorts	4,712	1,021	3,691	...	
XX	Salt	25,156	24,293	863	...	
XXI	Saltpetre, &c.—					
	(1) Saltpetre	126	392	...	266	
	(2) Other saline substances ...	604	17	587	...	
XXII	Silk, Raw—					
	(1) Foreign	30	17	13	...	
	(2) Indian	...	...	...	...	
XXIII	Silk Piece-Goods—					
	(1) Foreign	6	1	5	...	
	(2) Indian	...	...	...	...	
XXIV	Spices—					
	(1) Betelnuts	51	39	12	...	
	(2) Pepper	42	17	25	...	
	(3) Ginger	39	36	3	...	
	(4) Chillies	184	213	...	29	
	(5) Cardamoms	2	2	...	...	
	(6) Others	296	237	59	...	
XXV	Stone and Lime	1,909	1,237	672	...	
XXVI	Sugar—					
	(1) Refined or crystallized, including sugarcandy.	3,459	2,906	553	...	
	(2) Unrefined, *viz.*, molasses and jaggery or gur and other saccharine produce.	2,811	2,308	503	...	
XXVII	Tea—					
	(1) Foreign	48	30	18	...	
	(2) Indian	12	25	...	13	
XXVIII	Timber	1,285	547	738	...	
XXIX	Tobacco—					
	(1) Unmanufactured	1,176	935	241	...	
	(2) Manufactured—					
	(a) Cigars	30	10	20	...	
	(b) Other sorts	35	53	...	18	
XXX	Wool, Raw	1,171	381	790	...	
XXXI	Wool, Manufactured—					
	(1) Piece-goods, European ...	857	33	824	...	
	(2) Piece-goods, Indian	35	8	27	...	
	(3) Shawls	1	1	...	...	
XXXII	All other articles of merchandise—					
	(1) Firewood	658	506	152	...	
	(2) Hay and Grass	20	80	...	60	
	(3) Mowra flowers and seeds ...	686	97	589	...	
	(4) Others	11,902	7,576	4,326	...	
	Total ...	119,235	96,242	32,868	9,875	
	Net Increase ...	...	...	22,993	...	

Traffic Audit Office,
Ajmere:
The 24th November 1898.

A. WARREN JONES,
Acting Chief Auditor and Accountant.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 19th November 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.				Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.	Other Earnings (estimated).	Total Earnings.	Coaching.	Merchandise	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs A. P.	Rs A P.			
Total traffic for the week	17,279	19,891 9 0	61,986 20	9,045 11 0	56 0 0	28,993 4 0	6,834	5,505	12,339
Or per mile of Railway	...	122 9 9	...	55 12 1	0 5 6	178 11 4	...	...	...
For previous 19 3/7 weeks of half-year	*329,337	*3,01,012 10 0	†1,143,452 20	†1,80,346 12 0	‡1,061 0 0	4,82 420 6 0	139,253	63,141	202,394
Total for 20 3/7 weeks ...	346,616	3,20,904 3 0	1,205,439 0	1,89,392 7 0	1,117 0 0	5,11,413 10 0	146,087	68,646	214,733
COMPARISON.									
Total for corresponding week of previous year ...	17,973½	19,617 2 4	92,045 20	15,392 8 0	85 11 3	35,095 5 7	7,298	3,837	11,135
Per mile of Railway corresponding week of previous year.	...	120 14 8	...	94 14 0	0 8 5	216 5 1	...	...	...
Total for corresponding 20 3/7 weeks of previous year ...	344,870½	4,16,787 12 4	1,634,402 20	2,70,647 15 10	1,938 5 0	6,89,374 1 2	158,863	85,721	244,584

* Added No. of passengers 1,369 and Rs. 1,528 }
† Do. Mds. 9,360 and „ 640 } On account of difference between the Approximate and Audited figures for the weeks ended 1st and 8th October 1898.
‡ Do. „ 40 }

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 24th November 1898.

J. DOUGLAS,
Chief Auditor.

Punjab Government Press, Lahore—8-12-98—690.

No. 50 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, DECEMBER 15, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 13th DECEMBER 1898

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharff (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	0'13 in Hánsi ... 0'48 iu Bhiwáni.	1. Sufficient ... 2. Good.	Wheat 17 seers ... Bájra 19 seers. Gram 23 seers.	...	Slight showers have much benefited the standing crops. More rain urgently wanted. Crops on canal land promising.
2	Delhi ...	0'50 at Sadr ...	1. Getting scarce. 2. Fair.	Wheat 17 seers... Gram 20½ seers. Bájra 20½ seers.	...	Recent rain will benefit the standing crop: more is urgently wanted.
3	Umballa ...	0'20	1. Sufficient ... 2. Good.	Wheat 19 to 20 seers. Gram 21½ to 22 seers. Maize 30 seers.	...	Crops being damaged by rats in some villages.
4	Jullundur ...	...	2. Fair. ...	Wheat 21 seers ... Barley 30 seers. Gram 23½ seers. Maize 30 seers.	Sugarcane pressing in progress	...
5	Ferozepore ...	...	1. Sufficient ... 2. Fair.	Wheat 18 seers ... Gram 24 seers. Jowár 28 seers. Barley 30 seers. Maize 30 seers. Bájra 20 seers.	...	Sowings continue. Crops on dry land are suffering for want of rain in the Moga Tahsíl. Rape and gram crops are being damaged by Sundi in Fázilka.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	...	Wheat 17½ seers...	Crops nearly harvested.	Sowings in progress.
7	Lahore ...	...	1. Sufficient except in bárání villages. 2. Fair.	Wheat 18 to 20 seers. Maize 29 seers.	Picking of cotton and pressing of sugarcane going on.	Rain badly wanted. Prospects obscure. Sowings nearly completed.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 20 seers ... Maize 29 seers.	Sugarcane pressing in progress.	Rain badly wanted. Sowings nearly finished.
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 17¾ to 19 seers. Rice 13 to 14 seers.	Pressing of sugarcane continue.	Sowings of wheat on irrigatvd land continue.
10	Shahpur ...	...	1. Scarce ... 2. Good.	Wheat 17 to 20 seers. Bájra 22 to 24½ seers.	...	Sowings progressing on irrigated lands. Rain much needed.
11	Ráwalpindi ...	...	1. Insufficient in Pindigheb.	Wheat 17¼ seers Bájra 22 seers. Maize 26 seers.	...	Prospects good.
12	Peshâwar ...	...	1. Sufficient ... 2. Good.	Wheat $15\frac{15}{16}$ seers Maize $26\frac{13}{16}$ seers.	...	Wheat and barley still being sown. Condition of standing crops good.
13	D. I. Khan ...	...	1. Sufficient except in Kuláchi. 2. Fair.	Wheat 20⅝ seers Bájra 25¼ seers.	...	Sowings nearly finished.

GENERAL REMARKS.

Rainfall.—Slight rain has fallen in parts of Hissar, Delhi and Umballa Districts.

Prices, especially of wheat, are rising in Shahpur, Ráwalpindi and Peshâwar; falling in Jullundur, Siálkot and Dera Ismail Khan; unchanged elsewhere.

Wheat is selling from $15\frac{15}{16}$ to 21, gram 20½ to 24, barley 30, bulrush millet 19 to 25¼, maize 26 to 30, great millet 28 and rice 13 to 14 seers per rupee.

Agricultural operations.—Harvesting of autumn crops over. Sugarcane pressing and spring crops sowings continue. Sowings on dry lands are in abeyance for want of rain in some districts.

Crops and outturn.—Condition and prospect of standing crops are generally reported good. Recent rain has benefited the standing crops in parts of the Delhi Division, but more rain is urgently needed in almost all districts.

Crops on dry land are suffering for want of rain in parts of Ferozepore.

Damage done to crops.—Standing crops are being damaged by rats in parts of Umballa and by an insect called Sundi in parts of Ferozepore.

Agricultural stock.—Cattle are generally in good condition.

Pasturage.—Fodder scarce in Delhi and Shahpur; insufficient in parts of Lahore, Ráwalpindi and Dera Ismail Khan; sufficient elsewhere.

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

SUMMARY OF METEOROLOGICAL CONDITIONS PREVAILING OVER THE PUNJAB DURING OCTOBER 1898.

Station.	Pressure.		Wind.		Temperature in shade.								
	Barometer at 8 A. M.	Variation from normal.	Mean direction and force in October 1898.	Normal direction and force in October.	8 A. M.	Mean maximum.	Variation from normal.	Mean minimum.	Variation from normal.	Mean monthly variation from normal.	Humidity.	Vapour tension.	Amount of cloud (10 overcast).
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Delhi ...	29·864	— ·010	N. 65° W. 3	N. 49° W. 2	73·3	93·6	+ 1·7	67·7	— 0·3	+ 0·7	43	·364	0
Sirsa ...	29·874	+ ·003	S. 3° W. ...	N. 76° W. 3	72·9	97·7	+ 1·8	62·3	— 0·2	+ 0·8	40	·334	0
Umballa ...	29·880	...	N. 1	... ...	69·2	93·7	...	59·6	...	...	69	·502	0
Ludhiána ...	29·873	— ·011	S. 15° E. 1	N 40° W. 1	69·8	91·8	— 0·1	63·1	— 0·3	— 0·2	62	·464	0
Lahore ...	29·864	— ·012	S. 40° E. 1	N. 3° W. 2	70·4	94·1	+ 0·9	62·0	+ 2·0	+ 1·5	57	·427	0
Montgomery ...	29·851	— ·013	S. 42° E. 4	... ...	75·4	97·7	+ 1·2	62·3	+ 0·1	+ 0·7	38	·343	0
Siálkot ...	29·880	+ ·004	N. 69° E. 1	N. 29° W. 1	70·3	93·2	+ 1·2	62·4	+ 0·6	+ 0·9	62	·493	0
Ráwalpindi ...	29·875	— ·024	Calm 2	S. 62° W. 1	66·2	90·6	+ 2·6	56·4	+ 0·5	+ 1·6	57	·377	0
Khusháb ...	29·874	...	N. 56° E. 4	... ...	71·3	95·1	...	60·6	...	...	44	·343	0
Pesháwar ...	29·876	— ·023	S. 34° W. 2	N. 61° E. 3	67·0	89·2	+ 0·8	57·0	— 0·4	+ 0·2	60	·409	0
Dera Ismail Khan	29·875	— ·010	N. 35° E. 1	N. 75° E. 1	70·1	94·0	+ 0·8	59·9	— 1·6	— 0·4	57	·431	0
Mooltan ...	29·851	— ·024	S. 67° E. 1	S. 70° W. 2	73·0	98·3	+ 3·4	64·5	— 0·1	+ 1·7	51	·420	0
Simla ...	23·179	— ·001	N. 25° E. 4	N. 87° W. ...	54·3	63·1	+ 0·5	51·4	+ 0·4	+ 0·5	51	·217	0
Murree ...	23·888	— ·021	N. 15° W. 5	S. 30° E. 6	59·5	69·2	— 0·1	55·7	+ 2·5	+ 1·2	40	·217	0
Srinagar ...	24·982	...	S. 35° E. 3	... ...	47·6	72·6	...	40·4	...	...	88	·297	1
Skardu ...	?	...	N. 2° E. 7	... ...	46·4	66·3	...	40·7?	...	...	84	·264	1
Dras ...	20·880	...	N. 45° E. 2	... ...	37·5	52·8	...	23·7	...	...	76	·168	1
Cherát ...	25·749	...	N. 4° W. 8	... ...	66·0	80·1	...	57·0	...	...	34	·220	0

October is pre-eminently a month of transition over the Punjab, as indeed over the whole of the Indian area, from the summer to the winter monsoon. The south-west monsoon winds usually withdraw from the Punjab in the second or third week of September and are replaced by light variable airs and calms. These changes in the air circulation are associated with corresponding changes in the pressure conditions. Pressure increases rapidly during the month in North-Western India, and before the end of the month that area becomes the seat of maximum pressure relatively to the rest of India. In the Punjab pressure is slightly higher in the north-west than elsewhere, but the range of pressure is very slight and the chief feature of the pressure distribution is its approximate uniformity. Temperature falls somewh[illegible] rapidly during the month, and the mean temperature of the month in the plains of the Punjab varies from 71°·9 at Ráwalpindi to 80° at Delhi. The mean daily range of temperature also increases, and is about 8° larger than during the month of September. The month is practically rainless over the Province except in the hill and submontane districts which receive occasional light to moderate showers.

The following is a brief summary of the more important features of the weather in the Province during October 1898:—

(*a*) The month was unusually free from disturbance over the Punjab, and fine clear weather hence held steadily in that area throughout the month.

(*b*) Weather was feebly disturbed in Kashmir on two occasions, *viz.*, from the 18th to the 20th and the 22nd to the 25th. Some rain fell on these days in the valley and snow on the higher elevations, but the total precipitation was small in amount and below the normal.

(*c*) The air movement was remarkably feeble and unsteady during the month in the plains of the Punjab. Winds were more northerly than usual at Simla and Murree.

(*d*) The air was much drier than usual over nearly the whole area, due partly to increased temperature and partly to deficiency of aqueous vapour present in the air.

(*e*) Both the day and night temperatures, and hence also the mean temperature of the month, exceeded the normal at most stations. The excess was most pronounced at Lahore, Ráwalpindi, Mooltan and Murree, where it ranged between 1° and 2°.

(*f*) The rainfall was everywhere below the small normal of the month, but the amount of deficiency was not large except at Simla and Murree.

Pressure and Winds.—Pressure was below the average at all stations except perhaps at Sirsa and Sialkot, where it was locally in excess of the normal. The data for these two stations are, however, unsatisfactory in consequence of the observations not having been carefully taken. The negative variations were in all cases small, and less than ·02″ in amount, except at Ráwalpindi and Mooltan (each—·024″), Peshâwar (—·023″) and Murree (—·021″).

Pressure was even more uniform than is ordinarily the case in October. The air motion was hence exceptionally feeble and varied in a very irregular manner from the normal on the plains. On the whole winds were more easterly than usual at most stations. Northerly winds were unusually prevalent at the hill stations of Simla and Murree.

Humidity and Cloud.—The air was somewhat drier than usual, due partly to increased temperature and partly to deficiency of aqueous vapour. Skies were serene throughout the month in the Punjab both on the hills and plains. They were, on the other hand, more

or less clouded in Kashmir during the period of slight disturbance in the last week of the month. The cloud proportion at the Kashmir stations on the mean of the month was, however, only 1, and there was hence even less cloud in that area than is usually the case in October.

Temperature.—In consequence of the prevalence of much finer weather than usual, the mean temperature of the month was more or less above the normal throughout the Province, except locally at Ludhiána and Dera Ismail Khan, where it was in slight defect of the normal. The excess was generally small in amount, but exceeded 1° at Lahore, Ráwalpindi, Mooltan and Murree, which hence define the area of greatest excess of temperature during the month.

The mean maximum or day temperature was normal at Ludhiána and Murree, and in slight to considerable excess over the remainder of the Province. The excess was most marked at Mooltan (+3·4°) and Ráwalpindi (+2·6°).

The mean minimum or night temperature varied somewhat more irregularly from the normal than the day temperature. It was normal or in slight defect at Delhi, Sirsa, Ludhiána, Peshávar, Mooltan and Dera Ismail Khan, and above the normal elsewhere. The excess was less than 2° in amount except at Murree (+2·5°) and Lahore (+2·0°).

The following table gives (1) the variation from the normal of the mean temperature of the Punjab for each day of the month, and (2) the highest maximum temperature registered in the Province on each day, with the name of the station at which it was registered :—

Date.	Variation from normal of mean temperature of Province during previous 24 hours.	Highest maximum temperature recorded in previous 24 hours.	Station at which recorded.	Date.	Variation from normal of mean temperature of Province during previous 24 hours.	Highest maximum temperature recorded in previous 24 hours.	Station at which recorded.
1	2	3	4	1	2	3	4
1898.				1898.			
October 1st ...	−3·9	96·8	Mooltan.	October 17th ...	+3·0	100·3	Sirsa.
" 2nd ...	−2·6	98·3	Do.	" 18th ...	+4·4	100·3	Do
" 3rd ...	−1·4	100·0	Montgomery.	" 19th ...	+5·1	101·4	Mooltan.
" 4th ...	−0·6	101·4	Mooltan.	" 20th ...	+3·6	100·4	Do.
" 5th ...	−0·3	102·4	Do.	" 21st ...	+3·0	99·4	Do.
" 6th ...	+0·4	102·5	Montgomery.	" 22nd ...	+3·9	98·8	Sirsa.
" 7th ...	+0·3	104·0	Do.	" 23rd ...	+5·5	97·3	Do.
" 8th ...	+0·0	103·6	Do.	" 24th ...	+1·8	97·3	Do.
" 9th ...	+0·6	103·5	Do.	" 25th ...	0	95·0	Umballa.
" 10th ...	+0·7	102·8	Mooltan.	" 26th ...	−0·8	94·3	Mooltan.
" 11th ...	+0·7	101·5	Montgomery.	" 27th ...	−1·6	92·3	Do
" 12th ...	+0·6	101·4	Mooltan.	" 28th ...	−1·7	91·0	Montgomery.
" 13th ...	+0·9	101·9	Do.	" 29th ...	−1·0	96·8	Mooltan.
" 14th ...	+1·9	102·0	Montgomery.	" 30th ...	−2·1	92·3	Sirsa.
" 15th ...	+1·8	100·5	Do.	" 31st ...	−1·7	91·3	Mooltan.
" 16th ...	+2·4	101·0	Do.				

It will be seen from the preceding statement that at the commencement of the month temperature was in considerable defect, due solely to the influence of the heavy snowfall of the last week of the previous month in the Punjab and Kashmir Himalayas. It was, however, recovering fast. The deficiency was moderate on the 2nd, slight on the 3rd and unimportant on the 4th and 5th. Temperature rose above the normal on the 6th, and was more or less higher than usual until the 24th, the excess ranging between 3° and 6° during the period from the 17th to the 23rd. The disturbed conditions in Kashmir caused a rapid reduction of temperature on the 23rd and 24th, which hence fell to normal on the 25th. It was 0·8° below the normal

on the 26th and in slight to moderate defect during the remainder of the month. The coolest day of the month with respect to the normal was the 1st (—3·9°) and the hottest the 23rd (+5½°). Maxima exceeding 100° were registered during the whole period from the 3rd to the 20th, the highest reading recorded being 104° at Montgomery on the 7th.

Rain.—No rain whatever fell over the Province during the month. As the normal rainfall of the month does not exceed six-tenths of an inch on the plains and two inches in the hill districts, the deficiency was not large. Kashmir, on the other hand, obtained some showers of snow and rain during the feeble disturbance of the last week of the month, but even in that area the total fall of the month was slight and short of the small normal of the period.

The following table gives the rainfall data for the Punjab stations for October 1898:—

Station.	Normal rainfall in October.	Actual rainfall in October 1898.	Difference from the average in October 1898
1	2	3	4
Punjab, West.	Inches.	Inch.	Inches.
Mooltan	0	0	0
Dera Ismail Khan	0·05	0	— 0·05
Khusháb	0·07	0	— 0·07
Peshâwar	0·11	0	— 0·11
Murree	1·65	0·03	— 1·62
Srinagar	0·63	0·38	— 0·25
Skardu	...	0·08	...
Dras	...	0·76	...
Cherát	0·10	0·02	— 0·08
Ráwalpindi	0·55	0	— 0·55
Siálkot	0·31	0	— 0·31
Lahore	0·26	0	— 0·26
Montgomery	0·15	0	— 0·15
Punjab, East.			
Umballa	0·31	0	— 0·31
Ludhiána	0·40	0	— 0·40
Simla	1·22	0	— 1·22
Delhi	0·08	0	— 0·08
Sirsa	0·14	0	— 0·14

SIMLA:
The 15th November 1898.

HEM RAJ,
Offg. Assistant Meteorological Reporter to the Government of India.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 26TH NOVEMBER 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Cause of Death. Plague.	Cause of Death. Small-pox.	Cause of Death. Fever.	Cause of Death. Dysentery and Diarrhœa.	Cause of Death. Injuries.	Cause of Death. All other causes.	Infants under one year of age. Males.	Infants under one year of age. Females.	Infants under one year of age. Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	11	8	19	18	6	12	...	...	...	13	...	...	5	2	4	6	59	56	1
2		Hansi ...	15,190	10	8	18	15	7	8	...	...	...	5	...	...	10	1	2	3	62	51	2
3		Bhiwani ...	35,487	26	24	50	23	12	11	...	...	...	10	1	...	12	4	3	7	73	34	3
4		Sirsa ...	16,415	12	11	23	25	11	14	...	...	...	16	1	...	8	2	4	6	73	79	4
5	Rohtak ...	Rohtak ...	16,191	14	18	32	6	2	4	...	...	...	2	...	...	4	...	4	4	103	19	5
6		Jhajjar ...	11,881	5	4	9	4	2	2	...	...	...	1	...	...	3	1	...	1	39	18	6
7	Gurgaon ...	Rewari ...	27,934	16	9	25	11	2	9	...	...	...	6	...	...	5	1	2	3	47	21	7
8		Palwal ...	11,227	7	4	11	10	6	4	...	...	...	9	...	...	1	...	...	...	51	46	8
9	Delhi ...	Delhi ...	189,648	105	122	227	109	50	59	...	...	...	55	2	2	50	13	16	29	62	30	9
10		Sonepat ...	12,611	10	8	18	5	3	2	...	...	...	4	...	...	1	1	1	2	74	21	10
11	Karnal ...	Karnal ...	21,530	11	9	20	13	3	10	...	...	...	5	...	...	8	1	3	4	48	31	11
12		Kaithal ...	15,768	9	13	22	14	7	7	...	...	...	7	...	...	7	4	4	8	73	46	12
13		Panipat ...	27,547	31	15	46	20	7	13	...	...	...	7	...	1	12	1	7	8	87	38	13
14		Shahabad ...	11,473	7	4	11	4	2	2	...	...	...	3	...	1	...	...	...	...	50	18	14
15	Umballa ...	Umballa ...	26,856	16	9	25	11	7	4	...	...	...	3	...	...	8	4	2	6	49	21	15
16		Jagadhri ...	13,029	3	3	6	4	2	2	...	...	...	3	...	...	1	2	...	2	24	16	16
17		Sadhaura ...	10,445	5	2	7	2	1	1	...	...	...	1	...	...	1	1	...	1	35	10	17
18	Hoshiarpur	Hoshiarpur ...	17,546	7	2	9	14	8	6	...	...	...	7	1	...	6	2	1	3	27	42	18
19		Tanda and Urmar	11,632	3	8	11	11	6	4	...	...	...	6	2	...	2	...	3	5	49	45	19
20	Jullundur ...	Jullundur ...	50,375	26	28	54	26	14	12	...	...	...	10	1	...	15	3	5	8	56	27	20
21		Rahon ...	10,667	1	4	5	11	3	8	...	...	...	4	...	...	7	...	1	1	24	54	21
22		Kartarpur ...	10,441	4	6	10	9	4	5	...	...	...	4	2	...	4	1	1	2	50	45	22
23	Ludhiana ...	Ludhiana ...	46,024	34	25	59	48	24	24	...	...	...	17	4	...	27	3	9	12	67	54	23
24		Jagraon ...	18,116	5	7	12	11	9	2	...	...	...	4	...	...	7	3	1	4	35	32	24
25	Ferozepore ...	Ferozepore ...	25,337	15	8	23	17	7	10	...	...	...	9	5	...	3	1	2	3	47	35	25
26	Mooltan ...	Mooltan ...	64,265	44	51	95	50	27	23	...	...	...	33	4	...	13	9	12	21	77	41	26
27	Jhang ...	Maghiana ...	13,866	...	6	6	21	9	12	...	...	...	6	2	...	13	2	5	7	23	79	27
28		Chiniot	13,476	8	13	21	19	5	14	...	...	...	7	1	...	11	2	8	10	81	74	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births. Males.	Births. Females.	Births. Total.	Deaths. Total.	Deaths. Males.	Deaths. Females.	Cause of Death. Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Infants under one year of age. Males.	Females.	Total.	Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	69	64	133	111	59	52	...	...	...	76	6	2	27	12	9	21	43	36	29
30		Kasur ...	20,290	19	12	31	15	7	8	...	...	...	10	...	...	5	2	3	5	80	39	30
31		Chunian ...	10,339	12	9	21	11	5	6	...	...	...	4	1	...	6	3	3	6	106	55	31
32	Amritsar ...	Amritsar ...	135,401	71	71	142	115	66	49	...	...	...	60	4	1	50	12	12	24	55	44	32
33	Gurdaspur ...	Batala ...	27,223	17	18	35	21	10	11	...	...	...	15	1	1	4	1	...	1	67	40	33
34	Sialkot ...	Sialkot ...	33,965	27	19	46	27	14	13	...	...	...	15	1	...	11	4	2	6	71	41	34
35	Gujrat ...	Gujrat ...	17,671	12	12	24	15	4	11	...	...	...	8	3	...	4	1	4	5	71	44	35
36		Jalalpur ...	11,065	5	7	12	6	2	4	...	...	...	3	1	...	2	1	1	2	57	28	36
37	Gujranwala ...	Gujranwala ...	25,892	16	15	31	22	8	14	...	...	...	13	...	...	9	5	5	10	62	44	37
38		Wazirabad ...	15,786	15	16	31	32	14	18	...	...	...	15	5	2	10	7	5	12	102	106	38
39	Shahpur ...	Bhera ...	17,428	12	9	21	12	4	8	...	...	...	1	2	...	9	1	3	4	63	36	39
40	Jhelum ...	Pind Dadan Khan	15,055	11	5	16	8	3	5	...	...	...	7	1	...	...	...	...	...	55	28	40
41	Rawalpindi ...	Rawalpindi ...	38,334	19	21	40	15	7	8	...	...	...	7	2	...	6	1	3	4	54	20	41
42	Peshawar ...	Peshawar ...	63,079	34	15	49	45	27	18	...	...	...	30	1	...	14	6	3	9	41	37	42
43	Kohat ...	Kohat ...	14,347	3	2	5	5	1	4	...	...	...	2	...	...	3	...	1	1	18	18	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	12	8	20	17	11	6	...	...	...	9	4	...	4	4	2	6	48	41	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	5	4	9	14	6	7	...	...	...	6	1	1	6	...	3	3	20	31	45
	Grand Total	...	1,412,775	804	736	1,540	1,021	495	526	...	...	...	537	59	11	414	124	159	283	57	38	
	Hill Sanitaria.																					
	Simla ...	... ...	13,279	3	2	5	3	1	2	...	...	...	2	...	...	1	...	...	...	20	12	
	Dharmsala ...	... ...	2,778	...	1	1	2	2	...	...	...	...	1	1	...	...	...	...	...	19	38	
	Dalhousie ...	... ...	807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	... ...	1,459	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...	

Note.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 13th December 1898.

C. J. BAMBER, Lieut.-Col., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 26TH NOVEMBER 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 1,540 births were registered (804 males and 736 females), giving a birth-rate of 57 per *mille* of population; 1021 deaths were registered (495 males and 526 females), giving a death-rate of 38 per *mille* of population.

SANITARY COMMISSIONER'S OFFICE, LAHORE: *The 13th December 1898.*

C. J. BAMBER, LIEUT.-COL., I. M. S., *Offg. Sanitary Commissioner, Punjab.*

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	2			3			4			5		
	QUANTITIES PER RUPEE BY THE											
	Wheat.			Barley.			Rice (best sort).			Rice (common).		
Districts.	Present fortnight ending 30th November 1898.	Past fortnight ending 15th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th November 1898.	Past fortnight ending 15th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th November 1898.	Past fortnight ending 15th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th November 1898.	Past fortnight ending 15th November 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs	Srs.	Srs.	Srs.
Hissar ...	18	17	11	26	25	18	...	...	...	10	10	6
Rohtak ...	17	16	10	24	24	14	...	...	...	13	13	11
Gurgaon ...	16	16	11	25	24	18	...	...	...	9	9	8
Delhi ...	17	17	10	25	25	17	...	...	...	12	11	10
Karnál ...	18	17	11	31	28	17	...	...	...	8	12	8
Umballa ...	20	20	12	25	25	16	...	...	...	12	10	9
Simla ...	16	15	10	21	21	14	...	...	...	10	10	7
Kángra ...	20	20	13	28	28	18	...	...	...	15	15	12
Hoshiárpur ...	20	20	12	28	28	16	...	...	...	12	12	9
Jullundur ...	21	21	12	30	30	15	...	...	...	10	8	7
Ludhiána ...	22	21	12	34	34	16	...	...	...	11	10	6
Ferozepore ...	17	18	11	32	30	15	...	...	...	10	10	7
Mooltan ...	16	16	10	24	23	14	...	...	...	16	16	10
Jhang ...	19	19	11	26	25	17	...	...	...	12	8	16
Montgomery ...	19	19	11	§	§	13	...	...	...	10	10	10
Lahore ...	18	18	11	35	34	16	...	...	...	12	12	8
Amritsar ...	19	19	11	34	31	15	...	...	...	11	11	8
Gurdáspur ...	21	20	12	40	40	16	...	...	...	13	12	10
Siálkot ...	19	18	11	33	33	15	...	...	...	14	14	10
Gujrát ...	19	19	11	28	28	15	...	...	...	9	12	8
Gujránwála ...	20	20	11	40	35	17	...	...	...	14	13	10
Shahpur ...	20	20	12	30	30	15	...	...	...	8	8	5
Jhelum ...	19	19	12	32	32	17	...	...	...	12	12	8
Ráwalpindi ...	17	17	10	30	29	16	...	...	...	9	9	7
Hazára ...	18	18	12	29	29	18	...	...	...	10	10	8
Pesháwar ...	16	15	11	31	29	17	...	...	...	10	9	8
Kohát ...	16	16	12	24	26	20	...	...	...	12	12	8
Bannu ...	20	20	13	36	36	21	...	...	...	14	14	9
D. I. Khan ...	18	19	12	24	25	15	...	...	...	8	8	6
D. G. Khan ...	16	15	10	22	21	14	...	...	...	14	14	8
Muzaffargarh	18	18	11	23	24	13	...	...	...	15	15	10

† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 30TH NOVEMBER 1898.

6			7			1	
ORDINARY SEER OF 80 TOLAS.							
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*				
Present fortnight ending 30th November 1898.	Past fortnight ending 15th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th November 1898.	Past fortnight ending 15th November 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.		
22	22	23	19	18	20	Hissar.	
24	22	20	21	20	17	Rohtak.	
24	23	19	22	21	18	Gurgaon.	
25	23	18	22	21	16	Delhi.	
27	26	23	20	20	17	Karnál.	
26	29	25	21	21	18	Umballa.	
24	20	13	17	17	13	Simla.	
†	†	†	†	†	†	Kángra.	
23	26	18	16	17	13	Hoshiárpur.	
26	26	16	21	21	10	Jullundur.	
29	30	19	23	22	16	Ludhiána.	
25	25	15	19	19	16	Ferozepore.	
25	24	15	24	20	14	Mooltan.	
31	28	20	26	25	16	Jhang.	
§	§	15	§	§	15	Montgomery.	
25	25	16	19	19	14	Lahore.	
25	27	15	18	22	14	Amritsar.	
28	28	19	11	11	11	Gurdáspur.	
31	31	14	22	24	14	Siálkot.	
23	23	13	22	22	13	Gujrát.	
32	32	15	24	24	13	Gujránwála.	
22	22	†	22	22	15	Shahpur.	
24	25	12	24	24	14	Jhelum.	
31	31	14	22	22	14	Ráwalpindi.	
§	§	§	18	18	§	Hazára.	
35	35	14	19	19	12	Peshäwar.	
§	§	§	20	21	15	Kohát.	
41	41	17	28	25	17	Bannu.	
25	23	25	24	‡	16	D. I. Khan.	
22	21	16	21	21	16	D. G. Khan.	
20	20	13	22	22	14	Muzaffargarh.	

duced.

curable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	8			9			10			11		
	QUANTITIES PER RUPEE BY											
	Mandwa, Marua or Ragi (Eleusine Corocana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 30th November 1898.	Past fortnight ending 15th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th November 1898	Past fortnight ending 15th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th November 1898.	Past fortnight ending 15th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th November 1898.	Past fortnight ending 15th November 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	23	24	12	†	†	20
Rohtak ...	†	†	†	10	10	10	21	20	10	28	25	16
Gurgaon ...	†	†	†	†	†	†	21	20	11	25	24	15
Delhi ...	†	†	†	13	12	13	20	19	11	27	25	16
Karnál ...	33	25	21	8	8	8	20	20	11	28	25	20
Umballa ...	§	§	§	16	16	18	22	21	11	29	28	22
Simla ...	18	18	13	10	10	9	17	17	9	24	24	15
Kángra ...	§	§	§	‡	‡	‡	19	19	10	30	30	20
Hoshiárpur ...	20	20	14	14	15	12	23	23	12	26	26	19
Jullundur ...	§	§	§	20	20	12	23	23	12	29	29	19
Ludhiána ...	†	†	†	18	17	14	26	26	11	34	31	20
Ferozepore ...	†	†	†	16	16	14	24	25	11	28	26	18
Mooltan ...	†	†	†	20	18	11	18	18	9	24	24	16
Jhang ...	40	28	16	40	32	20	20	20	10	32	30	20
Montgomery ...	§	§	§	§	§	†	23	24	11	‡	25	17
Lahore ...	§	§	§	22	24	17	22	23	11	27	28	16
Amritsar ...	§	§	†	21	24	14	24	24	10	29	28	16
Gurdáspur ...	§	§	§	16	16	12	22	22	11	28	28	17
Siálkot ...	§	§	§	§	§	§	20	21	11	23	24	14
Gujrát ...	†	†	†	10	10	7	20	20	10	23	23	14
Gujránwála ...	†	†	†	24	24	12	23	23	11	25	24	16
Shahpur ...	24	24	14	16	16	14	24	24	12	20	20	‡
Jhelum ...	‡	†	‡	‡	‡	‡	21	21	10	23	23	15
Ráwalpindi ...	‡	‡	‡	16	15	12	20	20	10	24	24	14
Hazára ...	†	†	†	§	§	12	16	16	9	25	25	16
Pesháwar ...	†	†	†	18	18	14	18	18	9	27	26	17
Kohát ...	†	†	†	§	§	§	19	19	12	23	24	15
Bannu ...	13	13	13	7	7	7	26	26	12	33	34	22
D. I. Khan ...	§	§	§	‡	‡	4	23	23	13	30	31	15
D. G. Khan ...	§	§	§	§	§	§	20	19	10	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	19	19	10	§	§	§

† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 30TH NOVEMBER 1898—continued

12			13			1
THE ORDINARY SEER OF 80 TOLAS.						
Arhur or Thur Cadjan Pea (Cajanus Indicus). (Husked).			*Firewood.*			
Present fortnight ending 30th November 1898.	Past fortnight ending 15th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th November 1898.	Past fortnight ending 15th November 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
†	†	†	100	100	100	Hissar.
15	14	10	120	120	100	Rohtak.
15	14	11	130	130	160	Gurgaon.
13	13	9	80	90	100	Delhi.
15	14	8	160	160	160	Karnál.
§	§	§	160	160	140	Umballa.
8	8	7	75	80	60	Simla.
14	14	8	100	100	100	Kángra.
6	8	8	100	100	100	Hoshiárpur.
§	§	§	85	90	100	Jullundur.
11	11	7	110	110	95	Ludhiána.
11	11	7	90	90	100	Ferozepore.
†	†	†	90	90	110	Mooltan.
6	7	8	140	160	120	Jhang.
10	10	‡	250	250	310	Montgomery.
12	12	7	89	89	80	Lahore.
11	‡	§	90	90	100	Amritsar.
§	§	§	100	80	120	Gurdáspur.
§	§	§	110	110	130	Siálkot.
†	†	†	110	110	110	Gujrát.
‡	‡	10	95	95	95	Gujránwála.
‡	8	†	160	160	160	Shahpur.
10	†	‡	120	120	120	Jhelum.
11	11	‡	65	64	62	Ráwalpindi.
†	†	†	100	81	81	Hazára.
10	9	15	60	58	50	Peshávar.
†	†	†	82	82	64	Kohát.
10	10	5	70	70	65	Bannu.
‡	‡	5	120	120	125	D. I. Khan.
§	§	§	100	100	100	D. G. Khan.
8	8	6	140	140	140	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Firewood.—Prices average 111 seers as compared with 111 seers in last fortnight and 112 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Seers.	Seers.	Seers.
Gurgaon ...	160	130	130
Jullundur ...	100	90	85
Montgomery ...	310	250	250
Siálkot ...	130	110	110
Hazára ...	81	81	100

duced.

parable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt.					
	Present fortnight ending 30th November 1898.		Past fortnight ending 15th November 1898.		Corresponding fortnight of 1897.	
DISTRICTS.	Wholesale.	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	12 0	11 0	12 0	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 4	12 0	12 0	11 8
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 12
Simla	10 0	9 8	10 0	9 8	9 0	8 8
Kángra	*	11 0	*	11 0	‡	11 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 8
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	14 0	13 0	13 0	12 0	13 0	12 8
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	13 0	12 8	13 0	12 8	12 0	12 0
Jhang	13 0	12	12 8	12 0	12 8	12 4
Montgomery	12 12	12 8	12 12	12 8	12 12	12 8
Lahore	13 8	12 14	13 8	12 14	13 3	12 11
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 12
Gujrát	*	14 0	*	14 0	*	14 0
Gujránwála	13 12	13 8	14 0	13 8	13 12	13 8
Shahpur	13 8	13 0	13 8	13 0	13 0	12 8
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	13 0	14 0	13 0	13 10	13 8
Hazára	*	11 8	*	11 8	*	11 0
Peshâwar	18 0	17 0	17 0	16 0	13 0	12 0
Kohát	20 6	15 5	19 12	15 15	16 6	14 0
Bannu	22 8	20 10	22 8	20 10	22 8	20 0
D. I. Khan	16 12	16 6	16 12	16 4	16 0	15 0
D. G. Khan	12 0	11 0	12 0	11 0	12 8	11 4
Muzaffargarh	12 0	12 0	12 0	12 0	*	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pre

OF THE PUNJAB DURING THE FORTNIGHT ENDING 30TH NOVEMBER 1898—concluded.

15			16			1
THE ORDINARY SEER OF 80 TOLAS.						
Gur.			*Cotton (unginned).*			
Present fortnight ending 30th November 1898.	Past fortnight ending 15th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 30th November 1898.	Past fortnight ending 15th November 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs C	Srs C.	Srs. C	Srs. C.	Srs. C	Srs. C	
9 0	9 0	7 0	8 0	8 0	8 0	Hissar.
12 0	11 0	10 0	11 0	11 0	10 0	Rohtak.
11 0	10 0	9 0	10 0	10 0	9 0	Gurgaon.
9 0	8 0	8 0	10 0	9 8	9 0	Delhi
11 0	11 0	10 0	12 0	12 0	10 0	Karnál.
9 0	9 8	7 0	12 0	11 0	11 0	Umballa.
5 0	5 0	5 8	†	†	†	Simla.
6 8	6 8	6 8	6 0	6 0	6 6	Kángra.
8 8	9 8	8 8	9 8	10 0	9 0	Hoshiárpur.
7 8	7 8	10 0	11 0	11 0	10 0	Jullundur.
12 0	7 8	8 0	10 0	9 8	7 0	Ludhiána.
7 12	7 12	7 12	9 12	9 12	7 12	Ferozepore
7 8	7 0	6 8	9 0	9 0	8 0	Mooltan.
8 0	9 0	6 12	11 4	11 8	9 8	Jhang
0 0	9 0	7 8	10 0	10 0	‡	Montgomery
8 14	8 0	7 0	10 0	9 14	8 10	Lahore
11 0	8 12	7 8	9 12	0 12	8 12	Amritsar.
11 8	10 0	10 0	10 0	9 0	8 0	Gurdáspur
11 0	10 0	9 8	9 0	9 0	8 0	Siálkot.
8 8	8 8	7 0	9 0	9 0	8 0	Gujrát.
11 0	8 12	8 4	10 0	10 8	8 4	Gujránwála.
8 0	9 0	8 0	10 0	10 0	9 0	Shahpur.
9 0	9 0	7 4	10 0	9 0	9 0	Jhelum.
8 12	9 0	7 12	8 12	9 0	8 12	Ráwalpindi.
[illegible] 8	6 2	5 8	§	§	§	Hazára
7 14	6 10	6 9	10 0	10 0	9 0	Peshâwar.
8 5	7 8	7 0	11 8	11 8	11 8	Kohát.
9 11	9 14	10 15	10 0	10 0	10 0	Bannu.
8 12	8 12	8 12	‡	‡	11 4	D. I. Khan.
7 3	7 0	5 15	10 0	11 0	8 12	D G. Khan.
8 0	8 0	8 0	9 8	9 8	8 0	Muzaffargarh

REMARKS ON CURRENT VARIATIONS.

Lahori Salt.—Prices average 12 seers 6 chatáks as compared with 12 seers 5 chatáks in last fortnight and 12 seers 5 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Delhi ...	11 8	12 0	12 0
Ludhiána ...	12 8	12 0	13 0
Mooltan ...	12 0	12 8	12 8
Ráwalpindi ...	13 8	13 0	13 0

Kohát Salt.—Prices average 16 seers 4 chatáks as compared with 15 seers 15 chatáks in last fortnight and 14 seers 7 chatáks in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Peshâwar ...	12 0	16 0	18 0
D. I. Khan ...	15 0	16 4	16 6

Gur.—Prices average 9 seers 2 chatáks as compared with 8 seers 9 chatáks in last fortnight and 7 seers 14 chatáks in corresponding period of 1897 The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Umballa ...	7 0	9 8	9 0
Ludhiána ...	8 0	7 8	12 0
Amritsar ...	7 8	8 12	11 0
Gujránwála ...	8 4	8 12	11 0
Hazára ...	5 8	6 2	7 8
D. G. Khan ...	5 15	7 0	7 3

Cotton (unginned).—Prices average 9 seers 14 chatáks as compared with 9 seers 13 chatáks in last fortnight and 8 seers 15 chatáks in corresponding period of 1897 The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897. Srs. C.	Last fortnight. Srs. C.	This fortnight. Srs. C.
Karnál ...	10 0	12 0	12 0
Ludhiána ...	7 0	9 8	10 0
Gurdáspur ...	8 0	9 0	10 0
Gujránwála ...	8 4	10 8	10 0
Peshâwar ...	9 0	10 0	10 0
Muzaffargarh	8 0	9 8	9 8

sale salt sold.
duced.

curable,

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS

1	2	3	4	5	6	7	8	9	10	11	12
	Wholesale Price per maund of 82 2/7 lbs.										
Name of District.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs A. P.	Rs. A. P.	Rs. A. P.
Delhi	2 1 8	3 1 3	2 3 9	1 9 1	1 9 1	1 13 1	1 7 3	1 15 3	2 15 5	4 0 0	3 5 4
Ferozepore ...	1 6 10	4 0 0	2 4 7	1 4 0	1 9 7	2 1 8	1 6 10	1 10 8	3 10 2	4 7 1	5 0 0
Mooltan	1 4 0	2 6 9	2 7 4	1 10 6	1 8 7	1 9 7	1 9 7	2 2 0	...	4 0 0	3 10 2
Lahore	1 10 8	3 1 4	2 1 5	1 1 6	1 8 8	2 0 0	1 6 9	1 11 9	3 2 2	3 6 4	3 4 9
Amritsar	1 11 10	3 5 4	2 0 0	...	...	...	1 5 4	1 9 7	3 5 6	...	3 1 3
Ráwalpindi ...	1 9 6	5 8 11	2 4 6	1 5 0	1 4 0	1 13 1	1 10 3	1 14 10	3 7 0	3 10 1	3 10 0

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 30TH NOVEMBER 1898.

OR 40 SEERS OF 80 TOLAS EACH.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
Poppy seed.	Til (Jinjili seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
20 0 0	5 0 0	4 3 4	10 0 0	32 0 0	2 10 8	8 0 0	12 4 10	...	0 12 9	0 10 8	0 12 9	125 0 0	60 0 0
5 11 5	5 0 0	5 0 0	11 0 0	33 0 0	2 13 8	5 0 0	13 5 4	45 0 0	0 5 3	0 6 5	0 6 5	75 0 0	50 0 0
5 0 0	5 0 0	5 0 0	12 5 4	32 0 0	3 1 3	10 0 0	14 8 8	...	0 4 11	0 7 0	0 8 0	70 0 0	50 0 0
4 10 2	3 12 11	4 5 3	11 3 7	33 11 0	2 7 5	5 5 4	11 0 6	32 8 0	0 10 8	0 7 1	...	112 8 0	100 0 0
...	4 0 0	3 7 8	12 4 11	...	2 4 1	...	...	...	...	0 6 5	...	...	...
5 0 0	4 0 0	4 7 1	14 8 0	27 13 3	2 8 0	4 0 0	13 5 4	29 0 0	0 5 4	0 8 0	0 5 4	60 0 0	60 0 0

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1898.

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 30th November.	1st April to 30th September.	For month under report.	Month under report.	1st October 1898 to 30th November 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Hissar.	Sirsa ...	0·35	...	0·04	...	...	...	...	Kharff on dry land failed for want of sufficient rain. Rabi not yet sown for want of rain. Kharff crop on irrigated land harvested and housed—outturn of an average character. Rabi crop on wet land promising. Fodder sufficient in greater part of the district. General health of the district good.
	Fatahabad ...	0·30	...	0·05	...	...	...	...	
	Hissar ...	0·27	...	0·09	...	...	...	...	
	Hánsi ...	0·26	...	0·10	...	...	...	...	
	Bhiwáni ...	0·28	...	0·01	...	...	...		
	Budhláda ...		...	...	...	...	...	...	
	Tohána ...	...	...	...	...	...	...	...	
Jind State	Dhaneta (*c*) ...	...	...	...	...	...	...	...	
	Safidan (*c*) ...	...	...	...	...	...	...	...	
	Jind (*c*) ...	...	...	...	...	...	...	...	
Bikaner State.	Channi (*c*) ...	...	...	...	...	...	...	...	
Rohtak.	Rohtak ...	0·30	...	0·02	...	...	...	...	Wheat and barley continued to be sown on irrigated areas. Sugarcane has suffered very much from an insufficient supply of canal water. Condition of rabi crops good at present. If there is no rain in December the outturn of báráni crops will be *nil*. Health of people good. Fodder sufficient at present. Stocks of grain sufficient. Complaints continue to be made of the insufficiency of canal water.
	Gohána ...	0·33	...	0·03	...	...	...	...	
	Sámpla ...	0·31	...	0·01	...	...	...	...	
	Jhajjar ...	0·24	...	...	...	...	...	...	
Gurgaon.	Farukhnagar ...	...	...	...	...	...	...	...	There was no rain during the month. Barley and wheat sowings in progress on irrigated lands. Rain urgently wanted for sowings on land dependent on rain. Crops hitherto sown on b[illegible]ni tracts have suffered to some ex[illegible]nt from westerly winds. Health of people good. Fodder sufficient. Prices stationary. Canal water was used throughout the month.
	Játusána ...	...	...	...	...	...	...	...	
	Rewári ...	0·39	...	...	...	...	...	...	
	Shahjahánpur ...	...	...	...	...	...	...	...	
	Tauru ...	...	...	...	...	...	...	...	
	Núh ...	0·33	...	0·04	...	...	...	...	
	Fírozpur ...	0·37	...	0·01	...	...	...	...	
	Hodal ...	...	...	...	...	...	...	...	
	Hattín ...	...	...	...	...	...	...	...	
	Palwal ...	0·69	...	0·02	...	...	...	...	
	Sohna ...	...	...	...	...	...	...	...	
	Gurgaon ...	0·52	...	0·01	...	...	...	...	
	Punahána ...	...	...	...	...	...	...	...	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1898—(CONTINUED).

Explanation :—(*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 30th November.	1st April to 30th September.	For month under report.	Month under report.	1st October 1898 to 30th November 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Delhi.	Ballabgarh ...	0·45	...	0·01	...	...	...	...	Rain is wanted badly. The prospects of the standing crops are depending on it. Health of people good. Prices stationary. Stock sufficient. Fodder getting scarce.
	Mahrauli ...	...	...	...	...	...	...	...	
	Sadr (Delhi) ...	0·57	...	0·02	0·31	0·31	...	0·31	
	Sonepat ...	0·35	...	0·01	...	...		...	
Karnal.	Pánipat ...	0·28	...	0·07	...	0·03	...	0·03	Wheat has been sown on irrigated area only. The rabi prospects seem gloomy owing to failure of winter rains so far. Stock of grain sufficient. Fodder available. The health of people is good.
	Karnal ...	0·43	...	0·08	0·95	0·95	...	0·95	
	Rajaund ...	...	...	...	...	...	...	...	
	Kaithal ...	0·14	...	0·03	...	...	...	...	
	Gulah ...	...	...	...	...	...	...	...	
	Thánesar ...	0·42	...	0·08	...	...	...	...	
Umballa.	Jagádhri ...	0·58	...	0·15	...	...	...	...	Rabi sowings completed. Rabi crops on the ground in good condition except in some villages where the rabi sowings were slightly damaged by the rats. General condition of crops good. Health of people good. Green fodder not sufficient; dry sufficient.
	Umballa ...	0·48	...	0·15	...	...	...	...	
	Naráingarh ...	0·71	...	0·10	...	...	...	...	
	Kharar ...	0·65	...	0·17	...	...	...	...	
	Rúpar ...	0·55	...	0·17	...	...	...	...	
	Dádúpur (*c*) ...	...	...	...	0·05	0·05	...	0·05	
Patiala State.	Kotra (*c*) ...	...	...	...	...	...	...	...	
	Jodhpur (*c*) ...	...	...	...	...	...	...	...	
	Ràniki (*c*) ...	...	...	...	...	...	...	...	
	Lehal (*c*) ...	...	...	...	...	...	...	...	
	Gujrán (*c*) ...	...	...	...	...	...	...	...	
	Barthála (*c*) ...	...	...	...	...	...	...	...	
Nabha State.	Dadahur (*c*) ...	...	...	...	...	...	...	...	
	Bundher (*c*) ...	...	...	...	...	...	...	...	
Simla.	Kasauli ...	0·95	...	0·79	...	...	...	...	The kharif crops cut. Rabi sowings in progress. Health of people good.
	Bharauli ...	1·03	...	0·48	...	...	...	...	
	Simla ...	1·46	...	0·54	0·13	0·13	...	0·13	
	Kot Khái ...	1·66	...	0·55	...	...	...	...	
	Kotgarh ...	1·72	...	0·63	...	...	...	...	
	Kilba ...	Statement not received.					...	...	
Kangra.	Plách ...	1·45	...	0·73	0·15	0·15	...	0·15	There was no rain anywhere in the district during the month except a fall of ·15 inches in Plách. More rain is much needed. The rabi sowings have been completed on irrigated areas, but for want of rain only a small part of the unirrigated lands has yet been sown. The prices of food-grains are stationary.
	Kulu ...	2·20	...	0·96	...	0·16	...	0·16	
	Nagar ...	2·92	...	1·90	...	...	...	...	
	Pálampur ...	2·13	...	0·51	...	0·38	...	0·38	
	Hamírpur ...	0·84	...	0·35	...	...	...	...	
	Dera ...	0·66	...	0·26	...	...	...	...	
	Kángra ...	0·91	...	0·50	...	...	...	...	
	Dharmsala ...	1·78	...	0·55	...	0·31	...	0·31	
	Núrpur ...	1·46	...	0·59	...	...	...	...	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1898—(CONTINUED).

Explanation :— (*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 30th November.	1st April to 30th September.	For month under report.	Month under report.	1st October 1898 to 30th Novr. 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Hoshiárpur.	Dasúya ...	0·51	...	0·16	...	...	...	...	Rabi sowings have been completed, and the crops have come up well. Cotton is being picked and sugarcane pressed. The out-turn of both promises to be average. Supplies of food-grains and fodder are sufficient. Wheat and rice are being exported from Dasúya to Jullundur, Amritsar and Gurdáspur. Health of the people is good.
	Una ...	0·44	...	0·11	...	...	...	...	
	Garhshankar ...	0·62	...	0·15	...	...	...	...	
	Sadr Station ...	0·49	...	0·07	...	...	...	...	
	Hoshiárpur ...	...	...	...	...	...	...	...	
Jullundur.	Jullundur ...	0·28	...	0·10	...	...	...	...	Sugarcane pressing in progress. Cotton picking nearly completed. Sowings for rabi finished. Rain wanted Fodder sufficient. Health of people good.
	Nakodar ...	0·21	...	0·02	...	...	...	...	
	Phillour ...	0·45	...	0·07	...	...	...	...	
	Nawashahr ...	0·34	...	0·10	...	...	...	...	
Ludhiana.	Samrála ...	0·64	...	0·11	...	...	...	...	Threshing of kharif and sowing of rabi crops in progress. Standing crops in good condition excepting the jungle tract of the district, where rain is badly wanted. Fodder and grain stocks abundant. Prices are falling.
	Ludhiána ...	0·53	...	0·09	...	...	...	...	
	Jagraon ...	0·14	...	0·07	...	...	...	...	
Ferozepore.	Moga ...	0·22	...	0·04	...	...	...	...	There has been no rain during the month. Stocks of food-grains and fodder sufficient. Rabi sowings have been in progress during the month. The canals of the district have been flowing low.
	Zíra ...	0·22	...	0·05	...	...	...	...	
	Ferozepore Sadr ...	0·35	...	0·10	...	...	...	...	
	Ferozepore City ...	...	...	...	...	...	...	...	
	Muktsar ...	0·19	...	0·07	...	...	...	...	
	Fázilka ...	...	...	...	...	...	...	...	
	Nathána ...	...	...	...	...	...	...	...	
	Jalalabad ...	...	...	...	...	...	...	...	
	Gobindgarh (*c*) ...	...	...	...	...	...	...	...	
	Phidda (*c*) ...	...	...	...	...	...	...	...	
Mooltan.	Mailsi ...	0·10	...	0·06	...	...	...	...	Condition of crops good. Rabi sowings in progress. Stock of food grain and fodder sufficient. Prices falling.
	Lodhrán ...	0·06	...	0·06	...	...	...	...	
	Shujabad ...	0·09	...	0·09	...	...	...	...	
	Mooltan ...	0·06	...	0·04	...	...	...	...	
	Kabirwála ...	0·02	...	0·02	...	...	...	...	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1898—(CONTINUED).

Explanation :— (*c*) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 30th November.	1st April to 30th September.	For month under report.	Month under report	1st October 1898 to 30th Novr. 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
JHANG	Shorkot ...	0·13	...	0·08	...	...	...	...	Condition of kharíf crops good on the Chenab Canal and average in other tahsils. Rabi sowings in progress. Prices stationary. Fodder sufficient. Canals flowing.
	Jhang ...	0·07	...	0·04	...	...	...	...	
	Chiniot ...	0·22	...	0·08	...	...	...	...	
	Lyallpur ...	...	...	...	...	...	...	...	
	Badwáli (*c*) ...	...	...	...	...	...	...	...	
	Tarkhanj (*c*) ...	...	..	...	...	...	...	...	
	Murídwála (*c*) ...	...	...	...	...	...	...	...	
	Khewra (*c*) ...	...	...	...	...	...	...	...	
	Laklani (*c*) ...	...	...	...	...	...	...	...	
	Lyallpur (*c*) ...	...	...	...	...	...	...	...	
MONTGOMERY	Gugera ...	0·10	...	0·07	...	...	...	...	Rabi sowings in progress. Standing crops fair. Food-grains sufficient. Fodder scanty. Health of people good. Canals do not flow.
	Montgomery ...	0·11	...	0·07	...	...	...	...	
	Pákpattan ...	0·10	...	0·07	...	...	...	...	
	Dipálpur ...	0·11	...	0·09	...	...	...	...	
	Sandyánwála (*c*) ...	...	...	...	...	...	...	...	
LAHORE.	Van (*c*) ...	0·40	...	0·11	...	...	...	...	Kharíf crops have been harvested with the exception of cotton, of which pickings still continue. Outturn of such kharíf crops as matured is average. Rabi sowings on well and canal-irrigated lands are in progress, but sowings are contracted owing to want of rains and insufficiency of supply in the Bári Doáb Canal. Rabi prospects obscure. Rain is badly wanted. The health of the people is generally good. Grain stock is ample, but fodder is running short in the baráni and riverain tracts.
	Chunián ...	0·32	...	0·02	...	...	...	...	
	Kasúr ...	0·29	...	0·07	...	...	...	...	
	Pambe (*c*) ...	0·33	...	0·11	...	...	...	...	
	Sharakpur ...	0·21	...	0·08	...	...	...	...	
	Niáz Beg (*c*) ...	0·66	...	0·21	...	...	...	...	
	Lahore ...	0·51	...	0·08	...	...	...	...	
	Meean Meer (*c*) ...	0·88	...	0·31	...	...	...	...	
	Manihála (*c*) ...	0·30	...	0·07	..	...	...	...	
	Dafthu (*c*) ...	...	...	...	...	...	...	...	
	Nijábat (*c*) ...	...	...	...	...	...	...		
AMRITSAR.	Buchar (*c*) ...	0·39	...	0·14	...	...	...	...	Rain is urgently wanted. The pressing of sugarcane and picking of cotton are in progress. The sowing of rabi crops has been completed, except wheat, which is still being sown. The stock of food-grain and fodder is sufficient. Health of people good. Prices are nearly stationary.
	Khara (*c*) ...	0·10	...	0·01	...	...	...	...	
	Tarn Táran ...	0·35	...	0·05	...	...	...	...	
	Raya (*c*) ...	0·49	...	0·11	...	...	..	...	
	Jail Hospital (Amritsar).	0·62	...	0·15	...	...	...	...	
	Amritsar (*c*) ...	...	...	...	...	...	...	...	
	Buggeh (*c*) ...	0·67	...	0·15	...	...	...	...	
	Ajnála ...	0·47	..	0·09	...	...	...	...	
GURDASPUR.	Aliwál (*c*) ...	0·84	...	0·24	...	...	...	...	Health of people good. The kharíf has been gathered and sowings of the rabi in progress. Prospects good.
	Batála ...	0·47	...	0·10	...	...	...	...	
	Tibri (*c*) ...	0·54	...	0·22	...	...	...	...	
	Gurdaspur ...	0·39	...	0·13	...	...	...	...	Statement not received.
	Pathánkot ...	0·51	...	0·26	...	...	...	...	
	Dalhousie ...	...	...	...	...	...	...	...	
	Mádhopur (*c*) ...	0·89	...	0·47	...	...	...	...	
	Shakargarh ...	0·68	...	0·22	...	...	...	...	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1898—CONTINUED.

Explanation :—(c) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average Rainfall of past years.			*Rainfall of present year.*				
DISTRICT.	Rain-gauge Station.	1st October to 30th November.	1st April to 30th September.	For month under report.	Month under report.	1st October 1898 to 30th November 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
SIALKOT.	Zafarwál ...	0·43	...	0·24	...	...	...	...	Rain is much wanted. Rice and maize threshed; the pressing of sugarcane and picking of cotton commenced. The outturn of kharíf crops is average. Fodder sufficient. Health of people good.
	Pasrúr ...	0·51	...	0·25	...	...	...	...	
	Raya ...	0·54	...	0·12	...	...	...	...	
	Daska ...	0·70	...	0·32	...	...	...	...	
	Siálkot ...	0·73	...	0·25	...	...	...	...	
GUJRAT.	**Gujrat (Sadr)** ...	0·92	...	0·36	...	...	...	...	Kharíf crop has been gathered, except sugarcane and cotton which will soon be over. Rabi sowings have largely been made and the young crops are healthy and in excellent condition. Sowings are still going on. There was scanty moisture in the Bár and Hithár tracts of the Phália Tahsíl, and sowings there have not been made as extensively as in other places. If rain falls within the next fortnight late sowings will be large. Rain is now much wanted, though no bad effects are expected if it holds off for a few days more. Health of the people is good. Grass-hoppers appeared in parts of Khárián Tahsíl, but no damage has been done to crops.
	Khárián ...	0·82	...	0·31	...	...	...	...	
	Phália ...	0·69	...	0·21	...	...	...	...	
GUJRANWALA.	Rámnagar ...	0·31	...	0·10	...	...	...	...	Rabi sowings in progress. Kharíf crops being removed. Yield of cotton is less than last year. Sugarcane pressing has commenced. Stock of fodder sufficient. Prices stationary.
	Wazírabad ...	0·72	...	0·39	...	...	...	...	
	Sadr Kacheri (Gujranwala).	0·69	...	0·24	...	...	...	...	
	Shekhúpura ...	0·28	...	0·05	...	...	...	...	
	Háfizabad ...	0·46	...	0·10	...	...	...	...	
	Khángah Dográn ...	...	...	...	...	...	...	...	
	Rámpur ...	...	...	...	...	...	...	...	
	Pacca Dalla (c) ...	...	...	...	...	...	...	...	
	Fíroz (c) ...	...	...	...	...	...	...	...	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1898—CONTINUED.

Explanation:—(c) = Canal Rain-gauge Station.

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average Rainfall of past years.			Rainfall of present year.				
District.	Rain-gauge Station.	1st October to 30th November.	1st April to 30th September.	For month under report.	Month under report.	1st October 1898 to 30th November 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Shahpur.	Midh ...	0·32	...	0·22	...	...	...	...	The kharif is practically all in, but is a very poor harvest. Rabi sowings in progress on well lands, but small otherwise. Fodder scarce everywhere. Health of people good.
	Sáhiwál ...	0·56	...	0·34	...	...	...	...	
	Núrpur ...	0·22	...	0·14	...	...	...	...	
	Mitha Tiwána ...	0·39	...	0·32	...	...	...	...	
	Sakesar ...	0·14	...	...	...	...	...	...	
	Naushahra ...	0.84	...	0·37	...	...	...	...	
	Khusháb ...	0·46	...	0·35	...	...	...	...	
	Shahpur ...	0·61	...	0·33	...	...	...	...	
	Bhera ...	0·46	...	0·34	...	...	...	...	
	Miáni ...	0·82	...	0·57	...	...	...	..	
Jhelum.	Pind Dádan Khan ...	0·82	...	0·44	...	...	...	...	Condition of rabi crops at present average, and for want of rain the young crops at some places are drying up. Prices of grain stationary. Stock of grain sufficient. Fodder plentiful. Health of people good. No inundation in river.
	Jhelum (Sadr) ...	1·01	...	0·51	...	...	...	...	
	Chakwál ...	0·53	...	0·33	...	...	...	...	
	Talagang ...	0·80	...	0·42	...	...	...	...	
Rawalpindi.	Pindigheb ...	0·82	...	0·47	...	...		...	Kharif crops all cleaned. Rabi sown—prospects good.
	Fatahjang ...	0·87	...	0·29	...	...	...	...	
	Attock ...	0·62	...	0·40	...	...	...	...	
	Rawalpindi ...	1·35	...	0·65	...	...	...	...	
	Gujar Khan ...	1·79	...	0·68	...	...	...	...	
	Kahúta ...	1·33	...	1·00	...	...	...	...	
	Murree ...	2·80	...	1·26	0·07	0·07	...	0·07	
Hazara.	Abbott-abad ...	2·12	...	0·91	...	...	...	...	No rain but rabi crops flourishing so far. Rain wanted. Stocks of grain and fodder sufficient. Health of people good. Prices falling. Water in irrigation cuts sufficient.
	Mánsahra ...	2·06	...	1·03	...	...	...	...	
	Harípur ...	1·63	...	0·81	...	...	...	...	
Peshawar.	Swábi ...	1·53	...	0·93	...	...	...	...	Rabi sowings on irrigated tracts have been completed. Maira or unirrigated lands are still being sown. Rain is very much wanted. The condition of rabi seedlings on irrigated lands is good. Sugarcane is being pressed and gur is under preparation. Outturn average. The yield of other kharif crops is good in the Mardán Tahsíl and average in other tahsíls. Stocks of food-grains and fodder sufficient. The prices of food-grains are gradually falling. The rivers are low. There is sufficient water in canals.
	Lahor (Utman Bolak)	1·24	...	0·83	...	...	...	...	
	Nowshera ...	1·08	...	0·72	...	...	...	...	
	Mardán ...	1·00	...	0·72	...	...	...	...	
	[illegible]ang ...	1·12	...	0·91	...	...	..	...	
	Chársada ...	0·90	...	0·72	...	...	...	...	
	Nabakki ...	0·84	...	0·69	...	...	...	...	
	Peshawar ...	0·75	...	0·59	...	...	...	...	
	Abázai (c) ...	...	...	...	...	...	...	...	
	Khán Máhi (c) ...	...	...	...	...	...	...	...	
	Pára Chinár (Kurram)	...	...	...	...	0·03	...	0·03	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1898—(CONTINUED).

1	2	3	4	5	6	7	8	9	10
		RAINFALL.							
		Average rainfall of past years.			*Rainfall of present year.*				
District.	Rain-gauge Station.	1st October to 30th November.	1st April to 30th September.	For month under report.	Month under report.	1st October 1898 to 30th November 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Kohát.	Kohát ...	1·37	...	0·86	...	...	...	...	There has been no rain during the month under report. The water in springs was, however, sufficient, though it has run short in the Kohát Toi. The harvesting of the kharíf crops both on irrigated and unirrigated lands throughout the district has been completed except in the case of the late sown crops on irrigated lands in the Kohát Tahsíl, which are still standing and are in good condition. The rabi sowings (of wheat and barley crops) on irrigated lands in the whole of the Hangu and Teri Tahsíls, as also in some villages of the Kohát Tahsíl, have been completed, while they are in progress in the rest of the latter Kohát Tahsíl. These sowings on irrigated lands in the Teri Tahsíl as also in some parts of the rest of the district have been made owing to the superior quality of the land and there being sufficient moisture in the soil, but in other parts, especially in the Hangu Tahsíl, they are awaiting a fall of rain, which is urgently required. Fodder for cattle is sufficient as hill grass is procurable and makki and jowár stalks are also available in consequence of the kharíf crops having been cut and harvested. Bhúsa is, however, not available in the district. Stocks of food grains are generally sufficient with the zamíndárs for their own requirements, and there are surplus stocks of grains with the traders of the Kohát town and the zamíndárs of the Thal and Darra circles. The prices are falling.
	Hangu ...	...	...	...	...	...	...	...	
	Thal ...	...	...	...	...	...	...	...	
	Banda Daúd Shah ...	...	...	...	...	...	...	...	
	Fort Lockhart ...	...	...	...	...	...	...	...	
Bannu.	Miánwáli ...	0·49	...	0·42	...	...	...	...	Harvesting of kharíf crops has been completed except in the Bár tracts. Rabi crops are being sown on unirrigated lands. Sowings have been retarded by want of rain. Stock of food-grains and fodder still sufficient except in Isa Khel and Miánwáli, where stock of fodder is decreasing on account of drought. Prices stationary. Water in canals and cuts sufficient except in Tochi stream, in which it is decreasing.
	Isa Khel ...	0·56	...	0·48	...	...	...	...	
	Bannu ...	0·26	...	0·18	...	...	...	...	
	Marwat ...	0·45	...	0·40	...	...	...	...	
Dera Ismail Khan.	Tánk ...	0·03	...	0·03	...	...	...	...	There was no rain during the month. The harvesting of the kharíf crops has been finished. Rabi sowings are in progress. The health of the people good. Fodder procurable. Sufficient quality of grain in store. Prices low.
	Kuláchi ...	0·10	...	0·09	...	...	...	...	
	Dera Ismail Khan...	0·25	...	0·15	...	...	...	...	
	Bhakkar ...	0·11	...	0·11	...	...	...	...	
	Leiah ...	0·06	...	0·03	...	...	...	...	
	Shekh Budín ...	...	...	...	...	...	...	...	

AGRICULTURAL PROSPECT REPORT OF THE DISTRICTS OF THE PUNJAB FOR THE MONTH OF NOVEMBER 1898—(CONCLUDED).

1	2	3	4	5	6	7	8	9	10
		Rainfall.							
		Average rainfall of past years.			Rainfall of present year.				
District.	Rain-gauge Station.	1st October to 30th November.	1st April to 30th September.	For month under report.	Month under report.	1st October 1898 to 30th November 1898.	1st April 1898 to 30th September 1898.	Total.	Condition of crops and cattle, and health of people.
Dera Ghazi Khan.	Sanghar ...	0·04	...	0·04	...	...	...	...	Kharif crop cut and harvested except in Pachádh. It will be an average crop. Rabi sowings completed. Rain required. Health of people good. Stock of food-grain and fodder ample. Prices falling.
	Dera Ghazi Khan...	0·19	...	0·12	...	...	...	...	
	Fort Munro ...	0·31	...	0·07	...	...	...	...	
	Jámpur ...	0·07	...	0·05	...	...	...	...	
	Rájanpur ...	0·04	...	0·02	...	...	...	...	
Muzaffargarh.	Alípur ...	0·11	...	0·04	...	...	...	...	Sugarcane and cotton yield average. Rabi being sown. Food-grain and fodder sufficient. Health of people good. Some canals supply water in the Sinánwán Tahsíl.
	Muzaffargarh ...	0·06	...	...	...	...	...	...	
	Sinánwán ...	0·05	...	0·02	...	...	...	...	

P. D. SHROFF, *Supdt.,*

Office of Director of Land Records and Agriculture, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 26th November 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other Earnings (estimated).	Total Earnings.	Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs. A. P.	Rs A. P.			
Total traffic for the week	20,757	(a)21,149 9 0	74,704 0	10,848 2 0	60 0 0	32,057 11 0	7,292	4,683	11,975
Or per mile of Railway	...	130 5 9	...	66 13 10	0 5 11	197 9 6	...	...	...
For previous $20\frac{6}{7}$ weeks of half-year	*346,585	*3,24,622 3 0	†12,16,397 0	†1,87,136 7 0	‡1,167 0 0	5,12,925 10 0	146,087	68,646	214,733
Total for $21\frac{6}{7}$ weeks ...	367,342	3,45,771 12 0	12,91,101 0	1,97,984 9 0	1,227 0 0	5,44,983 5 0	153,379	73,329	226,708
COMPARISON.									
Total for corresponding week of previous year ...	17,721	24,355 4 4	87,776 10	13,046 12 11	71 11 3	37,473 12 6	7,291	3,590	10,881
Per mile of Railway corresponding week of previous year.	...	150 1 11	...	80 6 8	0 7 1	230 15 8	...	...	...
Total for corresponding $21\frac{6}{7}$ weeks of previous year ...	362,591½	4,41,143 0 8	17,22,178 30	2,83,694 12 9	2,010 0 3	7,26,847 13 8	166,154	89,311	255,465

(a). The decrease is due to 2 special trains run for the Viceroy and the Commander-in-Chief in the corresponding period of 1897.

* Deducted No. of passengers 31 and added Rs. 3,718
† Added Mds. 10,958 and deducted „ 2,256
‡ Do. „ 50
} on account of difference between the Approximate and Audited figures for the week ended 15th October 1898.

EAST INDIAN RAILWAY,
AUDIT OFFICE:
The 1st December 1898.

J. DOUGLAS,
Chief Auditor.

Punjab Government Press, Lahore—15-12-98—690.

No. 51 of 1898.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, DECEMBER 22, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 20th DECEMBER 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 18 seers ... Bájra 19 seers. Gram 23 seers.	...	Sowings on dry land not undertaken for want of rain. Crops on wet land promising.
2	Delhi ...	...	1. Getting scarce. 2. Fair.	Wheat 17 seers... Gram 20½ seers. Bájra 21½ seers.	...	Prospects fair. Fall of hail reported from Sonepat. Slight damage done to the standing crops.
3	Umballa ...	...	1. Sufficient ... 2. Good.	Wheat 19 to 20 seers. Gram 21½ to 22 seers. Maize 30 seers.	...	Crops in good condition, but need rain.
4	Jullundur ...	...	2. Fair. ...	Wheat 21¼ seers... Barley 30 seers. Gram 23½ seers. Maize 30 seers.	Sugarcane pressing in progress.	Rain wanted.
5	Ferozepore ...	...	1. Sufficient ... 2. Fair.	Wheat 18 seers ... Gram 24 seers. Jowár 28 seers. Barley 30 seers. Maize 30 seers. Bájra 20 seers.	...	Sowings in progress. Crops dependent on rain are suffering in Moga. Rape and gram crops are being damaged in Fázilka by caterpillar (Sundi).

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
6	Mooltan ...	...	...	Wheat 17½ seers...	Crops nearly harvested.	Sowings in progress.
7	Lahore ...	...	1. Sufficient.	Wheat 17½ to 19 seers. Maize 28 seers.	Pressing of sugarcane continues.	Sowings of rabi crops going on. Prospects average. Irrigation of crops also in progress.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 21 seers ... Maize 30 seers.	Sugarcane pressing in progress.	Rain wanted for baráni (land dependent on rain) sowings. Crops being watered.
9	Siálkot ...	...	1. Sufficient ... 2. Good.	Wheat 17½ to 19 seers. Rice 13 to 14 seers.	Sugarcane pressing continues.	Sowings nearly finished.
10	Shahpur ...	...	1. Scarce ... 2. Good.	Wheat 17 to 22 seers. Bájra 22 to 23 seers.	...	Rain wanted. Stocks of food-grain sufficient.
11	Ráwalpindi ...	...	1. Insufficient in Pindigheb.	Wheat 18 seers Bájra 22 seers. Maize 26 seers.	...	Prospects good.
12	Peshâwar ...	...	1. Sufficient ... 2. Good.	Wheat 15¾ seers Maize 27⅝ seers.	...	Wheat and barley still being sown. Condition of standing crops generally good. Rain is urgently wanted for dry land crops.
13	D. I. Khan ...	...	1. Procurable except in Kuláchi. 2. Fair, except in Kuláchi.	Wheat 20¾ seers Bájra 25⅔ seers.	...	Sowings nearly finished.

GENERAL REMARKS.

Rainfall.—Nil.

Prices, especially of wheat, are rising in Peshâwar, falling in Hissar, Jullundur, Amritsar, Shahpur, Ráwalpindi and Dera Ismail Khan; unchanged elsewhere.

Wheat is selling from 15¾ to 22, gram 20½ to 24, barley 30, bulrush millet 19 to 25⅔, maize 26 to 30, great millet 28 and rice 13 to 14 seers per rupee.

Agricultural operations.—Harvesting of autumn crops over. Only sugarcane is being pressed. Sowings and watering of spring crops going on. Rain is urgently wanted for the development of the standing crops and for extension of sowings on dry lands

Crops and outturn.—Condition and prospect of standing crops are generally reported good. Crops dependent on rain are suffering in parts of Ferozepore.

Damage done to crops.—Standing crops damaged by hail in parts of Delhi and by caterpillar (Sundi) in parts of Ferozepore.

Agricultural stock.—Cattle are generally in good condition except in parts of Dera Ismail Khan.

Pasturage.—Fodder is said to be scarce in Delhi, Shahpur and parts of Ráwalpindi and Dera Ismail Khan; sufficient elsewhere

P. D. SHROFF, *Supdt.*,

Office of Director of Land Records and Agriculture, Punjab.

WEEKLY RETURN OF BIRTHS AND DEATHS REGISTERED AT THE UNDERMENTIONED MUNICIPAL TOWNS IN THE PUNJAB DURING THE WEEK ENDING SATURDAY, THE 3RD DECEMBER 1898.

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	Hissar ...	16,854	9	13	22	17	8	9	...	...	...	9	...	...	8	1	2	3	68	53	1
2		Hansi ...	15,190	11	12	23	5	3	2	...	...	...	1	...	...	4	1	...	1	79	17	2
3		Bhiwani ...	35,487	13	9	22	24	12	12	...	...	...	15	2	...	7	1	2	3	32	35	3
4		Sirsa ...	16,415	5	8	13	17	8	9	...	...	...	11	...	...	6	1	1	2	41	54	4
5	Rohtak ...	Rohtak ...	16,191	15	9	24	10	4	6	...	...	...	2	...	...	8	3	2	5	77	32	5
6		Jhajjar ...	11,881	9	8	17	8	3	5	...	...	...	3	...	...	5	1	2	3	75	35	6
7	Gurgaon ...	Rewari ...	27,934	4	11	15	11	4	7	...	...	...	5	3	...	3	1	1	2	28	21	7
8		Palwal ...	11,227	5	4	9	13	6	7	...	...	...	8	...	...	5	2	3	5	42	60	8
9	Delhi ...	Delhi ...	189,64[illegible]	102	102	204	110	60	50	...	...	...	65	2	...	43	14	11	25	56	30	9
10		Sonepat ...	12,611	6	9	15	6	3	3	...	...	...	2	1	...	3	2	...	2	62	25	10
11	Karnal ...	Karnal ...	21,530	9	14	23	17	9	8	...	...	...	5	3	...	9	4	3	7	56	41	11
12		Kaithal ...	15,768	7	8	15	18	10	8	...	...	...	9	...	...	9	3	4	7	50	60	12
13		Panipat ...	27,547	19	26	45	16	10	6	...	...	...	5	2	...	9	3	1	4	85	30	13
14		Shahabad ...	11,473	5	2	7	3	2	1	...	...	...	...	2	...	1	...	1	1	32	14	14
15	Umballa ...	Umballa ...	26,856	7	14	21	8	7	1	...	...	...	3	...	...	5	4	...	4	41	16	15
16		Jagadhri ...	13,029	5	2	7	4	2	2	...	...	...	1	...	...	3	1	...	1	28	16	16
17		Sadhaura ...	10,445	...	2	2	3	...	3	...	...	...	3	...	...	...	...	2	2	10	15	17
18	Hoshiarpur	Hoshiarpur ...	17,546	9	7	16	14	5	9	...	...	...	3	3	...	8	2	2	4	48	42	18
19		Tanda and Urmar	11,632	6	2	8	7	4	3	...	...	...	3	2	...	2	2	1	3	36	31	19
20	Jullundur ...	Jullundur ...	50,375	30	29	59	39	22	17	...	...	...	16	3	...	20	9	8	17	61	40	20
21		Rahon ...	10,667	3	3	6	4	1	3	...	...	...	...	1	...	3	...	1	1	29	20	21
22		Kartarpur ...	10,441	5	2	7	7	3	4	...	...	...	2	...	...	5	1	3	4	35	35	22
23	Ludhiana ...	Ludhiana ...	46,024	20	23	43	34	20	14	...	...	...	8	...	...	26	9	4	13	49	39	23
24		Jagraon ...	18,116	11	10	21	10	4	6	...	...	...	3	...	...	7	2	2	4	60	29	24
25	Ferozepore ...	Ferozepore ...	25,337	16	12	28	22	13	9	...	...	...	8	5	...	9	5	2	7	58	45	25
26	Mooltan ...	Mooltan ...	64,265	55	36	91	43	21	22	...	...	...	19	8	...	16	5	1	6	74	35	26
27	Jhang ...	Maghiana ...	13,866	6	10	16	17	11	6	...	...	...	4	1	...	12	2	2	4	50	64	27
28		Chiniot ...	13,476	10	8	18	12	6	6	...	...	...	5	...	...	7	1	2	3	70	46	28

WEEKLY RETURN OF BIRTHS AND DEATHS, &c.—(concluded).

No.	Districts.	Towns.	Population according to the Census of 1891.	Births.			Deaths.			Cause of Death.							Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	No.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Plague.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29	Lahore ...	Lahore ...	159,597	60	50	110	118	67	51	...	...	...	71	7	1	39	11	7	18	36	39	29
30	Lahore ...	Kasur ...	20,290	12	11	23	13	8	5	...	...	...	7	1	...	5	3	2	5	59	33	30
31	Lahore ...	Chunian ...	10,339	8	4	12	6	5	1	...	...	...	3	...	...	3	1	...	1	6[illegible]	30	31
32	Amritsar ...	Amritsar ...	135,401	72	78	150	122	74	48	...	...	...	66	6	...	50	25	16	41	58	47	32
33	Gurdaspur ...	Batala ...	27,223	15	15	3[illegible]	21	12	9	...	...	...	12	3		6	3	2	5	57	40	33
34	Sialkot ...	Sialkot ...	33,965	25	24	49	24	12	12	...	...	...	15	2	...	7	2	7	9	75	37	34
35	Gujrat ...	Gujrat ...	17,671	10	8	18	11	8	3	...	...	...	7	1	...	3	3	2	5	53	32	35
36	Gujrat ...	Jalalpur ...	11,065	6	4	10	9	2	7	...	...	...	3	...	...	6	1	1	2	47	42	36
37	Gujranwala...	Gujranwala ...	25,892	20	15	35	13	7	6	...	...	...	7	...	...	6	5	2	7	70	26	37
38	Gujranwala...	Wazirabad ...	15,786	7	3	10	23	10	13	...	...	...	9	5	...	9	3	1	4	33	76	38
39	Shahpur ...	Bhera ...	17,428	13	7	20	9	6	3	...	...	...	5	2	...	2	4	...	4	60	27	39
40	Jhelum ...	Pind Dadan Khan	15,055	13	3	16	9	3	6	...	...	...	7	2	...	...	1	1	2	55	31	40
41	Rawalpindi ...	Rawalpindi ...	38,334	14	14	28	32	14	18	...	...	...	17	3	1	11	1	6	7	38	44	41
42	Peshawar ...	Peshawar ...	63,079	12	18	30	46	27	19	...	...	...	36	...	1	9	4	3	7	25	38	42
43	Kohat ...	Kohat ...	14,347	6	8	14	3	2	1	...	...	...	1	...	...	2	...	...	...	51	11	43
44	D. I. Khan ...	Dera Ismail Khan	21,573	16	13	29	25	13	12	...	...	...	7	5	...	13	6	4	10	70	60	44
45	D. G. Khan ...	Dera Ghazi Khan	23,899	8	12	20	17	7	10	...	...	...	7	1	...	9	5	4	9	44	37	45
	Grand Total	...	1,412,775	719	682	1,401	1,000	538	462	...	...	...	498	76	3	423	158	121	279	52	37	
	Hill Sanitaria.																					
	Simla ...	...	13,279	2	7	9	11	5	6	...	...	...	1	...	...	10	...	2	2	35	43	
	Dharmsala ...	...	2,778	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	19	...	
	Dalhousie ...	...	807	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Murree ...	...	1,459	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	36	...	

NOTE.—The birth and death rates of the above towns are calculated on the basis of the population enumerated in the Census of 1891.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 20th December 1898.

C. J. BAMBER, LIEUT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

REMARKS BY THE SANITARY COMMISSIONER, PUNJAB, ON THE GENERAL HEALTH OF THE PRINCIPAL TOWNS DURING THE WEEK ENDING SATURDAY, THE 3RD DECEMBER 1898.

Births and Deaths in Municipal Towns.—In the 45 large Municipal towns 1,401 births were registered (719 males and 682 females), giving a birth-rate of 52 per *mille* of population; 1,000 deaths were registered (538 males and 462 females), giving a death-rate of 37 per *mille* of population.

SANITARY COMMISSIONER'S OFFICE, LAHORE:
The 20th December 1898.

C. J. BAMBER, LIEUT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

MORTUARY RETURN FOR

Deaths registered from different causes in each district of

No.	Districts.	Population according to Census of 1891.	Births.	Deaths.	Birth-rate per *mille* per annum.	Death-rate per *mille* per annum.	CAUSE — *Plague.* Males.	*Plague.* Females.	*Plague.* Total.	*Cholera.* Males.	*Cholera.* Females.	*Cholera.* Total.	Small-pox. *Children under one year.* Males.	Small-pox. *Children under one year.* Females.	Small-pox. *One to under 12 years.* Males.	Small-pox. *One to under 12 years.* Females.	Small-pox. *Twelve and over 12 years.* Males.	Small-pox. *Twelve and over 12 years.* Females.	Total of Small-pox.	*Fevers.* Males.	*Fevers.* Females.	*Fevers.* Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Hissar ...	775,808	5,282	2,192	80	33	...	...	...	...	...	...	...	1	...	...	1	1	3	776	801	1,577
2	Rohtak ...	590,446	3,745	1,841	75	37	...	...	...	...	...	...	...	...	...	...	...	...	...	716	575	1,291
3	Gurgaon ...	668,863	5,002	2,054	88	36	...	...	...	...	...	...	...	...	...	...	...	...	...	643	613	1,256
4	Delhi ...	635,224	3,866	1,958	72	36	...	...	...	...	...	...	...	..	1	...	...	...	1	538	613	1,151
5	Karnál ...	683,652	4,789	3,244	65	44	...	...	...	...	...	...	...	1	3	4	1	...	9	1,048	1,160	2,208
6	Umballa ...	582,291	3,479	2,516	51	37	...	...	...	...	...	...	1	5	13	5	...	...	24	788	878	1,666
7	Simla ...	35,246	71	54	24	18	...	...	...	...	...	...	...	...	...	...	...	...	...	15	13	28
8	Kángra ...	759,458	2,315	1,999	36	31	...	...	...	...	...	...	...	...	...	...	...	...	...	717	749	1,466
9	Hoshiárpur ...	1,011,644	4,647	3,465	54	40	...	...	...	...	...	...	...	1	...	...	...		1	1,009	1,170	2,179
10	Jullundur ...	891,347	4,092	2,690	51	36	...	...	...	...	...	...	...	.	1	3	-	1	5	632	725	1,357
11	Ludhiána ...	648,655	3,084	2,110	56	38	...	...	...	...	...	...	...	...	1	3	...	...	4	640	687	1,327
12	Ferozepore ...	861,499	4,806	2,537	66	35	...	...	...	...	...	...	2	2	8	5	...	2	19	743	814	1,557
13	Mooltan ...	620,859	2,883	1,535	55	20	...	...	...	...	...	...	...	...	...	...	...	...	...	496	512	1,008
14	Jhang ...	436,821	2,717	1,452	73	39	...	...	...	...	...	...	1	...	1	...	...	...	2	453	373	826
15	Montgomery	499,449	2,300	859	54	20	...	...	...	...	...	...	...	2	3	2	1	2	10	193	206	399
16	Lahore ...	1,055,619	5,264	3,688	59	41	...	...	...	...	...	...	1	2	11	5	...	4	23	1,128	1,189	2,317
17	Amritsar ...	990,990	4,915	3,771	58	45	...	...	...	...	...	...	...	2	8	1	1	...	12	1,075	1,189	2,264
18	Gurdáspur ...	940,785	4,735	4,076	59	51	...	...	...	...	...	...	1	1	...	...	...	...	2	1,301	1,352	2,653
19	Siálkot ...	1,098,712	5,039	4,754	54	51	...	...	...	...	...	...	5	2	5	8	...	...	20	1,608	1,695	3,303
20	Gujrát ...	760,823	3,021	2,581	47	40	...	...	...	...	...	...	...	..	...	...	...	...	...	896	951	1,847
21	Gujránwála ...	690,061	3,552	2,251	61	38	...	...	...	...	...	...	...	...	...	...	...	...	...	865	815	1,680
22	Shahpur ...	493,535	2,358	1,121	56	27	...	...	...	...	...	...	...	...	...	...	...	...	...	280	314	594
23	Jhelum ...	605,774	2,148	2,022	42	39	...	...	...	...	...	...	...	...	...	...	...	...	...	734	738	1,472
24	Ráwalpindi ...	845,259	2,785	2,903	39	40	...	...	...	...	...	...	1	...	...	1	...	...	2	1,032	1,133	2,165
25	Hazára ...	476,125	1,214	1,026	30	25	...	...	...	...	...	...	...	...	...	...	...	...	...	353	391	744
26	Pesháwar ...	679,183	1,594	1,185	28	21	...	...	...	...	...	...	3	...	2	3	...	1	9	580	435	1,015
27	Kohát ...	182,487	629	526	41	34	...	...	...	...	...	...	...	1	5	6	...	...	12	196	234	430
28	Bannu ...	369,972	1,179	817	38	26	...	...	...	...	...	...	...	-	...	...	...	...	...	339	322	661
29	D. I. Khan ...	482,463	1 883	1,389	46	34	...	...	...	...	...	...	2	...	2	...	...	...	4	505	522	1,027
30	D. G. Khan...	399,860	1,311	893	39	26	...	...	...	...	...	...	...	...	...	..	...	...	...	409	366	775
31	Muzaffargarh	381,072	1,693	958	52	30	...	...	...	...	...	...	...	1	2	1	...	...	4	417	415	832
	TOTAL ...	20,553,982	96,398	64,467	55	37	...	...	...	...	...	...	17	21	66	47	4	11	166	21,125	21,950	43,075
	Total in previous month...	...	87,769	55,083	52	33	...	...	...	1	...	1	10	24	72	73	9	19	216	17,[illegible]21	[illegible],749	35,070
	Total in same month of past year ...	...	86,205	87,934	49	50	...	...	...	4	50	91	41	49	94	88	11	20	303	31,783	33,408	65,191

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 12th December 1898.

THE MONTH OF OCTOBER 1898.

the Punjab during the month of October 1898.

OF DEATH.

Dysentery and Diarrhœa.			Injuries. Suicide.			Injuries. Wounding.			Injuries. Accidents.			Injuries. Snake-bite and killed by wild beasts.			All other causes.			Total Deaths from all causes.			Districts.
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	2
30	19	49	...	...	...	1	...	1	5	2	7	5	1	6	303	246	549	1,121	1,671	2,192	Hissar.
19	20	39	...	...	...	...	...	...	...	1	1	2	1	3	270	237	507	1,007	834	1,841	Rohtak.
62	59	121	2	5	7	...	...	...	9	2	11	...	...	...	357	302	659	1,073	981	2,054	Gurgaon.
48	27	75	...	...	...	...	...	...	7	7	14	2	4	6	375	336	711	971	987	1,958	Delhi.
28	25	53	1	1	2	1	...	1	4	6	10	2	1	3	499	459	958	1,587	1,657	3,244	Karnál.
42	32	74	2	1	3	1	...	1	5	4	9	2	...	2	359	378	737	1,213	1,303	2,516	Umballa.
3	1	4	...	...	...	...	...	...	...	1	1	...	...	...	13	8	21	31	23	54	Simla.
24	24	48	1	1	2	1	...	1	4	3	7	7	...	7	204	264	468	958	1,041	1,999	Kángra.
8[illegible]	97	180	...	1	1	...	...	...	6	10	16	8	3	11	543	534	1,077	1,649	1,816	3,465	Hoshiárpur.
60	52	112	2	2	4	3	...	3	7	11	18	3	2	5	561	625	1,186	1,269	1,421	2,690	Jullundur.
32	24	56	...	...	...	..	...	...	11	4	15	...	...	...	339	369	708	1,023	1,087	2,110	Ludhiána.
40	28	68	1	2	3	1	...	1	10	4	14	4	1	5	452	418	870	1,261	1 276	2,537	Ferozepore.
26	31	57	1	...	1	1	...	1	9	7	16	3	2	5	237	210	447	773	762	1,535	Mooltan.
16	7	2[illegible]	...	...	...	...	...	...	7	2	9	10	6	16	291	285	576	779	673	1,452	Jhang.
24	8	32	...	...	...	4	2	6	2	1	3	...	2	2	218	189	407	445	414	859	Montgomery.
68	46	114	...	1	1	3	...	3	8	7	15	11	...	11	628	579	1,204	1,858	1,830	3,688	Lahore.
98	64	162	2	...	2	2	...	2	11	3	14	3	1	4	644	667	1,311	1,844	1,927	3,771	Amritsar.
164	123	287	...	1	1	...	...	...	5	1	6	2	...	2	589	536	1,125	2.062	2,014	4.076	Gurdáspur.
118	108	226	...	...	...	...	...	..	5	6	11	1	...	1	627	566	1,193	2,369	2,385	4.754	Siálkot.
69	52	121	2	...	2	1	...	1	4	4	8	4	...	4	312	286	598	1,288	1,293	2 581	Gujrát.
15	9	24	2	1	3	...	...	...	1	6	7	10	2	12	252	273	525	1,145	1,106	2,251	Gujránwála.
27	24	51	1	...	1	8	...	8	6	3	9	4	1	5	219	234	453	545	576	1,121	Shahpur.
35	31	66	...	...	...	4	1	5	4	5	9	2	...	2	238	230	468	1,017	1,005	2,022	Jhelum.
13	11	24	...	...	...	4	4	8	13	8	21	2	4	6	358	319	677	1,423	1,480	2.903	Ráwalpindi.
1	3	4	...	...	...	...	...	...	6	3	9	...	...	...	156	113	269	516	510	1,026	Hazára.
8	4	12	...	..	...	2	1	3	9	5	14	...	...	...	67	65	132	671	514	1,185	Peshávar.
4	1	5	...	...	...	5	...	5	1	...	1	...	...	...	32	41	73	243	283	526	Kohát.
7	7	14	...	...	...	7	1	8	3	1	4	...	...	...	75	55	130	431	386	817	Bannu.
31	24	55	...	..	...	2	...	2	2	2	4	2	2	4	164	129	293	710	679	1,389	D. I. Khan.
9	8	17	...	...	...	3	...	3	...	2	2	2	3	5	40	51	91	463	430	893	D. G. Khan.
1[illegible]	7	19	...	...	...	1	...	1	2	3	5	1	4	5	48	44	92	483	475	958	Muzaffargarh.
1,216	976	2,192	17	16	33	55	9	64	166	124	290	92	40	132	9,470	9 045	18,515	32,228	32,239	64,467	TOTAL.
1,152	1,03[illegible]	2,18[illegible]	14	13	27	44	17	61	238	177	415	170	69	239	8 807	8,06[illegible]	16,870	27,847	27,236	55,083	Total in previous month.
1,409	1,105	2,514	19	12	31	3[illegible]	7	4[illegible]	146	11	264	85	23	108	9.932	9.458	19,390	43.596	44.338	87,934	Total in same month of past year.

C. J. BAMBER, LT.-COL., I. M. S.,

Offg. Sanitary Commissioner, Punjab.

Remarks by the Sanitary Commissioner, Punjab.

Ninety-six thousand three hundred and ninety-eight births were registered in the Province during the month of October 1898, giving a birth-rate of 55 per *mille* of population. Of the total number of births 50,435 were boys and 45,963 were girls.

The total number of deaths registered from all causes in the Province during the month of October 1898 was 64,467 against 55,083 in the previous month and 87,934 in the corresponding month of the past year, giving an annual death-rate of 37, 33 and 50 per *mille* of population per annum, respectively.

There was not a single death registered under the head of cholera.

From small-pox 166 deaths were registered against 216 in the previous month and 303 in the corresponding month of the past year; fevers 43,075 against 35,070 and 65,191 ; dysentery and diarrhœa 2,192 against 2,184 and 2,514.

During the month there were 33 deaths registered from suicide against 27 in the past month ; wounding 64 against 61 ; accidents 290 against 415 ; snake-bite and killed by wild beasts 132 against 239 ; and from all other causes 18,515 against 16,870 and 19,390 in the corresponding month of the past year.

SANITARY COMMISSIONER'S OFFICE,
LAHORE:
The 12th December 1898.

C. J. BAMBER, LIEUT.-COL., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

Statement showing the number of births registered according to classes in the several districts of the Punjab during the month of October 1898.

No.	Districts.	Christians.			Hindus.			Muhammadans.			Other Classes.			Total.			Birth-rate per *mille* per annum.	No.
		Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
1	Hissar ...	...	...	...	2,089	1,957	4,046	629	607	1,236	...	...	...	2,718	2,554	5,282	80	1
2	Rohtak ...	...	...	...	1,759	1,557	3,316	225	204	429	...	...	...	1,984	1,761	3,745	75	2
3	Gurgaon ...	...	...	...	1,740	1,542	3,282	906	814	1,720	...	...	...	2,646	2,356	5,002	88	3
4	Delhi ...	2	1	3	1,561	1,517	3,078	403	358	761	11	13	24	1,977	1,889	3,866	72	4
5	Karnál ...	...	...	...	1,854	1,685	3,539	652	598	1,250	...	...	...	2,506	2,283	4,789	65	5
6	Umballa ...	...	...	...	1,351	1,172	2,523	515	441	956	...	...	...	1,866	1,613	3,479	51	6
7	Simla ...	...	...	...	23	31	54	11	6	17	...	...	...	34	37	71	24	7
8	Kángra ...	...	1	1	1,097	1,098	2,195	68	51	119	...	...	...	1,165	1,150	2,315	36	8
9	Hoshiárpur ...	1	...	1	1,665	1,537	3,202	764	680	1,444	...	...	...	2,430	2,217	4,647	54	9
10	Jullundur ..	...	...	...	1,222	1,081	2,303	889	900	1,789	...	...	...	2,111	1,981	4,092	54	10
11	Ludhiána ...	1	...	1	1,096	982	2,078	493	512	1,005	...	...	...	1,590	1,494	3,084	56	11
12	Ferozepore ...	...	...	...	1,379	1,257	2,636	1,132	1,038	2,170	...	...	...	2,511	2,295	4,806	66	12
13	Mooltan ...	...	...	...	311	274	585	1,231	1,067	2,298	...	...	...	1,542	1,341	2,883	55	13
14	Jhang ...	...	...	...	314	291	605	1,135	956	2,091	8	13	21	1,457	1,260	2,717	73	14
15	Montgomery ...	...	...	...	329	222	551	907	842	1,749	...	...	...	1,236	1,064	2,300	54	15
16	Lahore ...	5	...	5	828	706	1,534	1,966	1,757	3,723	2	...	2	2,801	2,463	5,264	59	16
17	Amritsar ..	2	1	3	1,411	1,250	2,661	1,125	1,126	2,251	...	...	...	2,538	2,377	4,915	58	17
18	Gurdáspur ...	5	5	10	1,244	1,167	2,411	1,166	1,132	2,298	9	7	16	2,424	2,311	4,735	59	18
19	Siálkot ...	15	15	30	819	760	1,579	1,769	1,643	3,412	10	8	18	2,613	2,426	5,039	54	19
20	Gujrát ...	...	...	...	216	219	435	1,287	1,298	2,585	...	1	1	1,503	1,518	3,021	47	20
21	Gujránwála ...	3	3	6	442	379	821	1,421	1,304	2,725	...	...	...	1,866	1,686	3,552	61	21
22	Shahpur ...	...	1	1	173	151	324	1,019	1,014	2,033	...	...	...	1,192	1,166	2,358	56	22
23	Jhelum ...	...	...	...	136	128	264	1,010	874	1,884	...	...	...	1,146	1,002	2,148	42	23
24	Ráwalpindi ...	...	...	...	183	175	358	1,250	1,171	2,421	2	4	6	1,435	1,350	2,785	39	24
25	Hazára ...	...	...	...	27	36	63	599	551	1,150	1	...	1	627	587	1,214	30	25
26	Pesháwar ...	...	...	...	30	29	59	798	730	1,528	3	4	7	831	763	1,594	28	26
27	Kohát ...	...	...	...	3	3	6	349	274	623	...	...	...	3[illegible]2	277	629	4[illegible]	27
28	Bannu ...	...	...	...	63	35	98	588	493	1,081	...	...	...	651	528	1,179	38	28
29	Dera Ismail Khan	...	...	...	130	86	216	916	751	1,667	...	...	...	1,046	837	1,883	46	29
30	Dera Ghází Khan	...	...	...	91	78	169	613	517	1,130	10	2	12	714	597	1,311	39	30
31	Muzaffargarh ...	...	...	...	125	93	218	798	677	1,475	...	...	...	923	770	1,693	52	31
	Total ...	34	27	61	23,711	21,498	45,209	26,634	24,386	51,020	56	52	108	50,435	45,963	96,398	55	

Sanitary Commissioner's Office, Lahore:
The 12th December 1898.

C. J. BAMBER, Lt.-Col., I. M. S.,
Offg. Sanitary Commissioner, Punjab.

PUBLIC WORKS DEPARTMENT,

Irrigation Operations of Fasl Rabi

Canals.		Water distributed during November 1898. — *Depth in Canal at regulating gauge.* — Full supply.	*Depth in Canal at regulating gauge.* — Actual throughout.	*Gross consumption, cubic feet per second.* — Designed full supply.	*Gross consumption, cubic feet per second.* — Actual average throughout.
1		2	3	4	5
MAJOR IRRIGATION WORKS.					
SWAT RIVER CANAL		6·00	4·90	700	540
	Total ...	...	...	700	540
WESTERN JUMNA CANAL.	At Dádupur	7·00	4·60	6,178	3,255
	Main Line, Major Distributaries	...	...	500	231
	Sirsa Branch	...	5·80	1,800	1,215
	Delhi Branch	...	4·60	1,850	752
	Hánsi Branch	...	6·50	2,150	874
	Loss in Main Line	...	...	...	113
	Total utilized ...	...	...	...	3,185
	Escapage (including Canal Tail)	...	...	...	70
	Total ...	...	...	6,178	3,255
BARI DOAB CANAL.	Main Canal (Head Gauge, Rapid No. 2)	3·63	2·51	3,555	2,047
	Salampur Feeder	4·00	Dry.	1,445	Dry.
	Total entering Canal ...	...	...	5,000	2,047
	Kasúr Branch Lower at Tarsika	5·40	2·22	530	236
	Sobraon Branch at Gagarbhana	4·95	1·68	437	217
	Main Line and Main Branch Upper Distributaries ...	...	...	...	39
	Main Branch Lower	4·58	1·40	2,245	683
	Lahore Branch	2·69	1·25	920	375
	Absorption in Main Line and Kasúr Branch Upper ...	...	...	...	497
	Total utilized ...	...	...	...	2,047
	Escapage	...	...	...	...
	Total ...	...	...	5,000	2,047
SIRHIND CANAL.	Main Line	9·43	8·26	6,000	4,941
	Abohar Branch	5·96	5·43	2,052	1,744
	Bhatinda Branch	5·97	5·40	1,788	1,130
	Feeders	9·30	8·56	2,160	1,917
	Loss in Main Line	...	...	...	150
	Total utilized ...	...	...	...	4,941
	British Escapes	...	...	...	...
	Total ...	...	...	6,000	4,941
	Carried over ...	...	...	...	...

PUNJAB, IRRIGATION BRANCH.

of 1898 *up to* 30*th November* 1898.

Land irrigated (approximate). Zillah.	Acres.	Rainfall. Number of years on which average is struck	Average.	During month.	Chief Crops (approximate). Name.	Area irrigated *during* November 1898.	Area irrigated *to end of* November 1898.	Area irrigated *to end of* Novr. 1897.	Remarks.
6	7	8	9	10	11	12	13	14	15
Peshâwar ...	41,843	...	...	...	Wheat ...	21,107	25,793	31,622	Canal ran throughout the month. The supply was deficient until a crate weir was constructed at the end of the month. The area irrigated is 6,720 acres above the average for the month.
					Barley ...	7,699	8,899	10,174	
					Mixed grain ...	...	...	...	
					Sarson ...	1,094	1,531	2,440	
					Gram ...	...	...	...	
					Senji ...	...	...	...	
					Miscellaneous	3,762	5,620	9,475	
...	41,843	...	...	...	...	33,662	41,843	53,711	
Umballa ...	1,292		0·31	0·02	Wheat ...	93,728	136,704	78,872	The canal ran throughout the month with strong demand and poor supply.
Karnál ...	91,284		0·13	0·12	Barley ...	4,669	5,990	3,824	
Rohtak ...	79,54	20	0·09	...	Mixed grain ...	8,545	18,617	23,735	
Delhi ...	57,99		0·07	...	Sarson ...	487	1,154	509	
Hissar ...	73,879		...	...	Gram ...	10,087	31,851	11,012	
Jínd ...	15,93		0·05	...	Senji ...	...	...	2	
Bikanir ...	9	...	...	...	Miscellaneous	12,960	60,993	53,202	
Kalsia ...	648	...	...	...	Sugarcane ...	...	81,876	73,799	
Patiála ...	16,510	...	...	...					
			...	...					
...	337,185	...	...	...	...	130,476	337,185	244,955	
Gurdáspur ...	18,961		0·07	...	Wheat ...	106,949	114,705	145,448	Canal ran throughout the month.
Amritsar ...	113,965	19	0·04	...	Barley ...	2,243	2,435	4,097	
Lahore ...	163,547		0·04	...	Mixed grain ...	21,458	25,161	24,473	
					Sarson ...	2,281	2,539	2,356	
					Gram ...	27,711	36,800	43,817	
					Senji ...	23,688	27,920	35,942	
					Miscellaneous	21,973	60,648	63,714	
					Sugarcane ...	26,265	26,265	...	
...	296,47	...	...	...	...	232,568	296,473	319,847	
Ludhiána ...	39,318	15	0·01	...	Wheat ...	107,636	122,626	69,493	The canal and river supply is lower than it has been since 1894. The area on the British Branches is a record. The area on the Native States Branches is a little better than in 1896 and much below the area in 1895. It has probably not been written up.
Ferozepore ...	280,58		0·02	...	Barley ...	18,786	27,006	6,472	
Hissar ...	1,086	...	...	...	Mixed grain ...	19,511	21,785	12,690	
Farídk State	44,292	...	...	...	Sarson ...	23,680	72,483	5,301	
Patiála " ...	120,090				Gram ...	48,165	56,991	42,768	
Nábha " ...	28,314	15	0·14	...	Senji ...	5,603	6,787	3,981	
Jínd " ...	10,681				Miscellaneous	105,829	214,595	254,632	
Kalsia " ...	1,680	...	...	...	Sugarcane ...	...	3,773	...	
...	526,046	...	...	...	...	329,210	* 526,046	395,337	
...	1,201,547	...	...	...	...	725,916	1,201,547	1,013,850	

* Includes the following areas irrigated by Native States Branches, *viz.*—

	During November 1898.	*To end of November 1898.*	*To end of November 1897.*
Patiála State	63,619 acres.	69,907 acres.	34,496 acres.
Nábha "	6,218 "	6,254 "	5,794 "
Jínd "	8,516 "	9,728 "	11,822 "

Irrigation Operations of Fasl Rabi

Canals.	Water distributed during October 1898.			
	Depth in Canal at regulating gauge.		*Gross consumption, cubic feet per second.*	
	Full supply.	Actual throughout.	Designed full supply.	Actual average throughout.
1	2	3	4	5
Brought forward ...	...	...	...	...
MAJOR IRRIGATION WORKS—CONCLUDED.				
Chenab Canal. Main Line	9·60	9·51	8,313	5,893
Chenab Canal. Kot Nikka Branch	5·00	4·77	324	278
Chenab Canal. Mián Ali Branch	6·15	7·20	805	784
Chenab Canal. Rakh Branch	5·90	5·80	1,122	1,207
Chenab Canal. Jhang Branch Upper	9·00	7·96	1,522	1,087
Chenab Canal. Jhang Branch Lower	7·00	5·40	726	710
Chenab Canal. Bhawána Branch	6·00	5·60	434	383
Chenab Canal. Gugera Branch (for construction only)	9·00	2·56	2,986	645
Chenab Canal. Distributaries of Main Line	...	...	394	229
Chenab Canal. Loss in Main Line	...	...	...	499
Total Main Line ...	...	...	...	5,322
Chenab Canal. Escapage	...	...	...	71
Total ...	...	...	8,313	5,893
LOWER SOHAG AND PARA CANAL	7·00	Dry.	1,420	Dry.
Total ...	...	...	1,420	...
SIDHNAI CANAL	7·00	...	1,600	...
Subsidiary Canals	...	...	520	...
Total ...	...	...	2,120	...
ABSTRACT—MAJOR IRRIGATION WORKS—				
Swat River Canal	...	...	700	540
Western Jumna Canal	...	...	6,178	3,255
Bári Doáb Canal	...	...	5,000	2,047
Sirhind Canal	...	...	6,000	4,941
Chenab Canal	...	...	8,313	5,893
Lower Sohág and Pára Canal	...	...	1,420	...
Sidhnai Canal	...	...	2,120	...
Total ...	...	...	...	...

of 1898 *up to* 30*th November* 1898—continued.

Land irrigated (approximate).		Rainfall.			Chief Crops (approximate).				Remarks.
Zillah.	Acres.	Number of years on which average is struck.	Average.	During month.	Name.	Area irrigated *during* November 1898.	Area irrigated *to end of* November 1898.	Area irrigated *to end of* November 1897.	
6	7	8	9	10	11	12	13	14	15
...	1,201,547	...	...	...	...	725,916	1,201,547	1,013,850	
Gujránwála ...	68,344	11	0·04	...	Wheat ...	133,199	172,788	167,907	Canal ran throughout the month.
Jhang ...	199,887	11	...	...	Barley ...	6,198	8,520	7,122	
Lahore, 4th Division.	409	...	...	...	Mixed grain ...	93	124	...	
					Sarson ...	12,780	61,302	39,562	
Montgomery	6,397	...	...	...	Gram ...	2,310	4·310	3,679	
Temporary irrigation.	18,659	...	...	...	Senji ...	2,746	3,678	2,256	
					Miscellaneous	12,637	24,315	14,053	
Kharif irrigation.	29,784	..	..	...	Temporary irrigation.	...	18,659	...	
					Sugarcane ...	199	29,784	...	
...	323,480	...	...	...	...	170,162	*323,480	234,579	
Montgomery	45,386	5	0·02	...	Wheat ... Barley ... Mixed grain ... Sarson ... Gram ... Senji ... Miscellaneous	...	45,386	47,418	
...	45,386	...	...	...	...	...	45,386	47,418	
Mooltan ...	49,798	36	0·08	...	Wheat ...	...	...	3,405	
					Barley ...	...	...	27	
					Mixed grain ...	...	...	201	
					Sarson ...	...	...	17	
					Gram ...	...	...	166	
					Senji ...	...	...	6	
					Miscellaneous	...	49 798	84,616	
...	49,798	...	...	...	...	...	49,798	84,438	
...	41,843	...	...	...	...	33,662	41,843	53,711	
...	337,185	...	...	...	...	130,476	337,185	244,955	
...	296,473	...	...	...	...	232 568	296,473	319,847	
...	526,046	...	...	...	...	329,210	526,046	395,337	
...	323,480	...	...	...	...	170,162	323,480	234,579	
...	45 386	...	...	...	...	...	45,386	47,418	
...	49,798	...	...	...	...	...	49,798	88,438	
...	1,620,211	...	...	...	...	896,078	1,620,211	1,384,285	

* Of this 44,671 acres are free of charge.

Irrigation Operations of Fasl Rabi

Canals.	Water distributed during November 1898.			
	Depth in Canal at regulating gauge.		*Gross consumption, cubic feet per second.*	
	Full supply.	Actual throughout.	Designed full supply.	Actual average throughout.
1	2	3	4	5
Total Major Irrigation Works brought forward ...	...	...	...	...
MINOR IRRIGATION WORKS.				
Upper Sutlej Canals. — Katora Canal	7·00	Dry.	685	Dry.
Upper Sutlej Canals. — Khánwah "	7·00	Dry.	1,290	Dry.
Upper Sutlej Canals. — Upper Sohág "	7·00	Dry.	1,540	Dry.
Total ...	...	...	3,515	...
Shahpur Canals (Imperial). — Eastern Station Canal	6·00	Canals closed	350	...
Shahpur Canals (Imperial). — Western " "	6·00	Canals closed	200	...
Shahpur Canals (Imperial). — Sáhiwál Canal	8·00	Canals closed	550	...
Total ...	...	...	1,100	...
Lower Sutlej and Chenab Canals	...	...	...	...
Indus Canals	...	...	...	...
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals. — Northern Canal Head	7·00	...	566	...
Ghaggar Canals. — Southern Canal Head	6·50	...	434	...
Ghaggar Canals. — Minor Channels	...	...	100	...
Total utilized ...	...	...	1,100	...
Bikanir Border.				
Ghaggar Canals. — Northern Canal	6·00	...	283	...
Ghaggar Canals. — Southern Canal	5·00	...	217	...
Total Bikanir ...	...	...	500	...
Ghaggar Canals. — Utilized British Territory	...	...	600	...
Total ...	...	...	1,100	...
Abstract—Minor Irrigation Works—				
Upper Sutlej Canals	...	...	3,515	...
Shahpur Canals (Imperial)	...	...	1,100	...
Lower Sutlej and Chenab Canals ...	...	...	...	...
Indus Canals	...	...	...	...
Muzaffargarh Canals	...	...	...	...
Ghaggar Canals	...	...	1,100	...
Total ...	...	...	...	...
Shahpur Canals (Provincial). — Ràniwah West Canal	7·00	Canals closed	520	...
Shahpur Canals (Provincial). — " East "	7·00	Canals closed	300	...
Shahpur Canals (Provincial). — Corbynwah Canal	5·00	Canals closed	113	...
Total ...	...	...	933	...
Total Major Irrigation Works	...	...	...	...
Total Minor Irrigation Works	...	...	...	...
Total Major & Minor Irrigation Works (Imperial)	...	...	...	...
Shahpur Canals (Provincial)	...	...	...	...
GRAND TOTAL	...	...	...	...

LAHORE:
The 20th December 1898.

of 1898 *up to* 30*th November* 1898—concluded.

LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				REMARKS.
Zillah.	Acres.	Number of years on which average is struck	Average.	During month.	Name.	Area irrigated *during* November 1898.	Area irrigated *to end of* November 1898.	Area irrigated *to end of* Novr. 1897.	
6	7	8	9	10	11	12	13	14	15
...	1,620,211	...	...	...	...	896,078	1,620,211	1,384,285	
Lahore ...	17,761	5	0·01	...	Wheat ...				
Montgomery	58,244	...	...	...	Barley ...				
					Mixed grain...				
					Sarson ...	579	76,005	68,566	
					Gram ...				
					Senji ...				
					Miscellaneous				
...	76,005	...	...	...	...	579	76,005	68,566	
Shahpur ...	23,088	9	0·35	...	Wheat ...				
					Barley ...				
					Mixed grain...				
					Sarson ...	...	23,088	22,023	
					Gram ...				
					Senji ...				
					Miscellaneous				
...	23,088	...	...	...	...	...	23,088	22,023	
Mooltan ...	288,361	36	0·06	...	...	...	288,361	295,035	
D. G. Khan...	46,672	10	0·19	...	...	...	46,672	49,994	
Muzaffargarh	160,149	5	0·01	...	...	10,061	160,149	172,330	
					Wheat ...	218	424	162	The canals and lake were dry during the whole month.
					Barley ...	249	759	8	
					Mixed grain...	82	82	50	
Hissar ...	2,326	...	...	...	Sarson ...	226	1,241	213	
Bikanir State	7,123	...	...	...	Gram ...	4	4	...	
					Senji ...	...	...	...	
					Miscellaneous	24	6,939	10,713	
...	9,449	...	...	...	...	803	9,449	11,146	
...	76,005	...	...	...	...	579	76,005	68,566	
...	23,088	...	...	...	...	...	23,088	22,023	
...	288,361	...	...	...	...	...	288,361	295,035	
...	46,672	...	...	...	...	...	46,672	49,994	
...	160,149	...	...	...	...	10,061	160,149	172,330	
...	9,449	...	...	...	...	803	9,449	11,146	
...	603,724	...	...	...	...	11,443	603,724	619,094	
Shahpur ...	12,521	9	0·45	...	Wheat ...				
					Barley ...				
					Mixed grain...				
					Sarson ...	...	12,521	11,811	Canals dry. Details of crops not yet known.
					Gram ..				
					Senji ...				
					Miscellaneous				
...	12,521	...	...	...	...	...	12,521	11,811	
...	1,620,211	...	...	...	...	896,078	1,620,211	1,384,285	
...	603,724	...	...	...	...	11,443	603,724	619,094	
...	2,223,935	...	...	...	...	907,521	2,223,935	2,003,379	
...	12,521	...	...	...	...	...	12,521	11,811	
...	2,236,456	...	...	...	...	907,521	2,236,456	2,015,190	

L. M. JACOB,
Under-Secretary to Government, Punjab,
P. W. D., Irrigation Branch.

STATEMENT SHOWING THE OPERATIONS OF THE REGISTRATION DEPARTMENT, PUNJAB, FOR THE MONTH OF OCTOBER 1898.

Month.	Documents registered.			Total collections, inclusive of copying fees.	Total expenditure, inclusive of that paid out of copying fees.	Remarks.
	Compulsory.	Optional.				
		Relating to immoveable property.	Others.			
				Rs.	Rs.	
October 1898	5,450	2,003	722	22,421	8,623	
October 1897	4,424	2,036	587	1,8274	7,669	
Difference ...	+ 1,026	— 33	+ 135	+ 4,147	+ 954	
First 7 months of 1898-99	60,679	24,605	5,180	2,25,192	72,209	
First 7 months of 1897-98	73,528	35,282	5,517	2,69,681	78,511	
Difference ...	— 12,849	— 10,677	— 337	— 44,489	— 6,302	

Office of Inspr.-Genl. of Regtn., Punjab,
Lahore:
The 8th December 1898.

C. G. PARSONS, Captain,
Offg. Inspector-General of Registration, Punjab.

Punjab Government Press, Lahore—22 12-98—690.

SUPPLEMENT TO THE

Government Gazette

PUNJAB AND ITS DEPENDENCIES.

Published by Authority.

LAHORE, THURSDAY, DECEMBER 29, 1898.

PART I.

STATISTICAL.

WEATHER, HEALTH AND CROP REPORT FOR WEEK ENDING 27th DECEMBER 1898.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of Kharif (Autumn).	Prospects of Rabi (Spring).
1	Hissar ...	...	1. Sufficient ... 2. Good.	Wheat 17 seers ... Bájra 19 seers. Gram 23 seers.	...	Crops not sown on dry land for want of rain. Canal crops promising.
2	Delhi ...	Slight rainfall at Sadr.	1. Getting scarce. 2. Fair.	Wheat 17 seers... Gram 20½ seers. Bájra 21½ seers.	...	Prospects fair. Rain urgently wanted.
3	Umballa ...	0·15 ...	1. Sufficient ... 2. Good.	Wheat 19 to 20 seers. Gram 21½ to 22 seers. Maize 37 seers.	...	Crops in good condition, but need rain.
4	Jullundur ...	...	2. Good ...	Wheat 21¾ seers... Gram 23½ seers. Barley 30 seers. Maize 31 seers.	Sugarcane pressing continues.	Rain wanted.
5	Ferozepore ...	...	1. Sufficient ...	Wheat 20 seers ... Gram 24 seers. Barley 32 seers. Maize 30 seers. Jowár 26 seers. Bájra 21 seers.	...	Sowings over. Dry land crops are suffering for want of rain in Moga, and gram crop is damaged by caterpillar in Fázilka.

No.	Reporting Station.	Rain.	1. Supply of Fodder. 2. Condition of Cattle.	Prices.	Prospects of	
					Kharff (Autumn).	Rabi (Spring).
6	Mooltan ...	...	...	Wheat 17½ seers...	Crops nearly harvested.	Sowings in progress.
7	Lahore ...	...	1. Sufficient. 2. Good.	Wheat 17½ to 19 seers. Maize 20 seers.	Sugarcane pressing going on.	Sowings in progress. Prospects average. Rain badly wanted.
8	Amritsar ...	...	1. Sufficient ... 2. Good.	Wheat 21 seers ... Maize 30 seers.	Sugarcane pressing in progress.	Rain badly wanted. Crops being watered.
9	Siálkot ...	Statement not	received.			
10	Shahpur ...	...	1. Scarce ... 2. Good.	Wheat 17 to 20 seers. Bájra 22 to 23½ seers.	...	Sowings finished. Rain badly wanted.
11	Ráwalpindi ...	0·12 in Fatahjang 0·48 in Murree.	1. Insufficient in Pindigheb.	Wheat 18 seers Bájra 22 seers. Maize 26 seers.	...	Prospects good.
12	Peshâwar ...	...	1. Sufficient ... 2. Good.	Wheat $15\frac{13}{16}$ seers Maize $27\frac{5}{16}$ seers.	...	Wheat and barley still being sown. Condition of standing crops good. Rain urgently wanted for unirrigated crops.
13	D. I. Khan ...	...	1. Procurable except in Kuláchi. 2. Fair, except in Kuláchi.	Wheat 20 seers ... Bájra 26 seers.	...	Sowings nearly finished.

GENERAL REMARKS.

Rainfall.—Slight rain has fallen in parts of Delhi, Umballa and Ráwalpindi Districts.

Prices, especially of wheat, are rising in Hissar and Dera Ismail Khan; falling in Peshâwar; unchanged elsewhere. Prices of autumn grains are generally falling.

Wheat is selling from $15\frac{13}{16}$ to 21¼, gram 20½ to 23½, barley 30 to 32, bulrush millet 19 to 26 and maize 26 to 37 seers per rupee.

Agricultural operations.—Sugarcane pressing still going on in some districts. Spring sowings still going on. Crops on dry land not sown in Hissar for want of rain.

Crops and outturn.—Condition and prospects of standing crops are generally reported good to fair. Rain urgently wanted for unirrigated crops.

Damage done to crops.—Gram crops damaged by caterpillar in parts of Ferozepore.

Agricultural stock.—Cattle are generally in good condition except in parts of Dera Ismail Khan.

Pasturage.—Fodder sufficient in all districts except Delhi, Shahpur and parts of Ráwalpindi and Dera Ismail Khan.

P. D. SHROFF, *Supdt.,*

Office of Director of Land Records and Agriculture, Punjab.

NORTH-WESTERN RAILWAY.

Abstract of Principal Commodities carried over the North-Western Railway during the month of October 1898 *as compared with the same month of the previous year.*

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		No.	No.	No.	No.	
1	Animals ...	19,217	1,899	...	17,318	
		Tons.	Tons.	Tons.	Tons.	
2	Coal and coke ...	2,583	3,480	897	...	
3	Cotton, raw ...	446	509	63	...	
4	Cotton, manufactured—					
	(1) Twist and yarn, European ...	288	279	...	9	
	(2) Twist and yarn, Indian ...	324	434	110	...	
	(3) Piece-goods, European ...	2,024	2,325	301	...	
	(4) Piece-goods, Indian ...	1,921	2,077	156	...	
5	Drugs and chemicals—					
	(1) Intoxicating other than opium ...	23	84	61	...	
	(2) Non-intoxicating—					
	(a) Cinchona bark ...	...	...	...	...	
	(b) Others ...	742	805	63	...	
6	Dyes and tans—					
	(1) Indigo ...	192	220	28	...	
	(2) Myrabolams ...	33	28	...	5	
	(3) Cutch ...	1	2	1	...	
	(4) Turmeric ...	202	231	29	...	
	(5) Alizarine and aniline dyes ...	116	50	...	66	
	(6) Others ...	660	678	18	...	
7	Grain and pulse—					
	(1) Wheat ...	26,655	42,502	15,847	...	
	(2) Rice in the husk ...	2,048	1,147	...	901	
	(3) Rice not in the husk ...	6,792	6,747	...	45	
	(4) Jowár and bájra ...	5,058	4,014	...	1,044	
	(5) Gram and pulse ...	9,516	6,175	...	3,341	
	(6) Others ...	3,064	2,530	...	534	
8	Hides and skins—					
	(1) Hides of cattle—					
	(a) Dressed and tanned ...	170	156	...	14	
	(b) Raw ...	660	689	29	...	
	(2) Skins of sheep—					
	(a) Dressed and tanned ...	7	15	8	...	
	(b) Raw ...	580	754	174	...	
9	Horns ...	9	47	38	...	
10	Jute—					
	(1) Raw ...	1	14	13	...	
	(2) Gunny bags and cloth ...	1,927	2,123	196	...	
11	Lac—					
	(1) Stick ...	6	23	17	...	
	(2) Shell ...	25	42	17	...	
12	Leather, manufactured ...	182	240	58	...	
13	Liquors—					
	(1) Beer ...	741	854	113	...	
	(2) Spirits ...	75	29	...	46	
	(3) Wines ...	218	272	54	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
14	Metals—					
	(1) Copper, unwrought	37	44	7	...	
	(2) Brass, unwrought	52	67	15	...	
	(3) Copper, wrought	53	73	20	...	
	(4) Brass, wrought	140	160	20	...	
	(5) Iron	3,232	3,811	579	...	
	(6) Others	247	263	16	...	
15	Oils—					
	(1) Kerosene	2,056	1,784	...	272	
	(2) Castor	14	23	9	...	
	(3) Cocoanut oil	37	33	...	4	
	(4) Others	427	349	...	78	
16	Oil-seeds—					
	(1) Linseed	94	139	45	...	
	(2) Rape and mustard	752	3,193	2,441	...	
	(3) Til or jinjili	110	255	145	...	
	(4) Poppy	20	62	42	...	
	(5) Earthnut	13	17	4	...	
	(6) Castor	...	...	...	...	
	(7) Cotton seed	2,358	1,680	...	688	
	(8) Others	605	2,624	2,019	...	
17	Opium	12	8	...	4	
18	Paper and paste-boards	198	198	...	...	
19	Provisions—					
	(1) Ghi	1,300	858	...	451	
	(2) Dried fruits	2,856	3,060	204	...	
	(3) Flour	3,812	3,104	...	708	
	(4) Others	2,402	2,501	99	...	
20	Railway Materials for Public and Foreign Railways—					
	(1) Locomotive Engines and Tenders	...	6	6	...	
	(2) Carriages and Trucks	...	...	...	...	
	(3) Materials for construction—					
	(a) Wooden sleepers	903	1	...	902	
	(b) Other sorts	770	2,528	1,758	...	
21	Salt	8,211	10,026	1,815	...	
22	Saltpetre, &c.—					
	(1) Saltpetre	8	112	104	...	
	(2) Other saline substances	435	696	261	...	
23	Silk, raw—					
	(1) Foreign	34	34	...	...	
	(2) Indian	2	6	4	...	
24	Silk piece-goods—					
	(1) Foreign	5	7	2	...	
	(2) Indian	11	15	4	...	
25	Spices—					
	(1) Betelnuts	43	46	3	...	
	(2) Pepper	83	72	...	11	
	(3) Ginger	105	177	72	...	
	(4) Chillies	418	664	246	...	
	(5) Cardamums	16	19	3	...	
	(6) Others	230	210	...	20	
26	Stone and lime	6,585	16,499	9,914	...	
27	Sugar—					
	(1) Refined	3,729	4,374	645	...	
	(2) Unrefined	2,510	3,773	1,263	...	

No.	Staples.	1897.	1898.	Increase in 1898.	Decrease in 1898.	REMARKS.
		Tons.	Tons.	Tons.	Tons.	
28	Tea—					
	(1) Foreign ...	40	48	8	...	
	(2) Indian ...	437	290	...	147	
29	Timber ...	2,882	4,337	1,455	...	
30	Tobacco—					
	(1) Unmanufactured ...	1,298	1,745	447	...	
	(2) Manufactured—					
	(a) Cigars ...	12	13	1	...	
	(b) Others ...	121	211	90	...	
31	Wool, raw ...	1,163	1,953	790	...	
32	Wool, manufactured—					
	(1) Piece-goods, European ...	183	230	47	...	
	(2) Piece-goods, Indian ...	340	290	...	56	
	(3) Shawls ...	...	...	...	...	
33	All other articles of merchandise—					
	(1) Firewood ...	4,476	5,615	1,139	...	
	(2) Manures ...	1,844	2,632	788	...	
	(3) Fodder ...	3,694	2,412	...	1,282	
	(4) Lucifer matches ...	97	104	7	...	
	(5) Others ...	9,028	8,679	...	349	
		No.	No.	No.	No.	
	Total ... Animals ...	19,217	1,899	...	17,318	
		Tons.	Tons.	Tons.	Tons.	
	Total ... Goods ...	137,854	171,705	33,851	...	

LAHORE: }
The 14*th December* 1898. }

J. LIGHTFOOT,
Examiner of Accounts, North-Western Railway.

TABLE OF RAINFALL RECORDED AT STATIONS IN THE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, South.	Hissar.	Sirsa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fatahabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hissar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hansi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhiwani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Budhlada ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tohana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jind State.	Dhaneta *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Safidan *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jind *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bikaner State.	Chhani *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ferozepore.	Moga ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Zira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ferozepore Sadr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ferozepore City ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muktsar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fazilka ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nathana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jalalabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Govindgarh *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phidda *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Montgomery.	Gugera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Montgomery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakpattan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dipalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sandyanwala *C* ...	Guage not yet erected.																				
Punjab, Central.	Gurgaon.	Farukhnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jatusana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rewari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shahjahanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tauru ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nuh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Firozpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hodal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hattin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sohna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gurgaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Punahana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rohtak.	Rohtak ...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gohana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sampla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhajjar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Delhi.	Ballabgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahrauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr (Delhi) ...	...	...	...	0·31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sonepat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

PUNJAB FOR THE MONTH OF NOVEMBER 1898.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1898 up to 30th November 1898.	Average rainfall from 1st October up to 30th November.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...		0	0·1	0	0·04	0	0	0·35	Sirsa	Hissar.	Punjab, South.
...	...	...	...	...	...	...	...	...		0	0·2	0	0·05	0	0	0·30	Fatahabad		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·09	0	0	0·27	**Hissar**		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·10	0	0	0·26	Hansi		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·01	0	0	0·28	Bhiwani		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Budhlada		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Tohana		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Dhaneta *C*	Jind State.	
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Safidan *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Jind *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Chhani *C*	Bikaner State.	
...	...	...	...	...	...	...	...	...		0	0·1	0	0·04	0	0	0·22	Moga	Ferozepore.	
...	...	...	...	...	...	...	...	...		0	?	0	0·05	0	0	0·22	Zira		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·10	0	0	0·35	**Ferozepore Sadr**		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Ferozepore City		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·07	0	0	0·19	Muktsar		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Fazilka		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Nathana		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Jalalabad		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Govindgarh *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Phidda *C*		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·07	0	0	0·10	Gugera	Montgomery.	
...	...	...	...	...	...	...	...	...		0	0·2	0	0·07	0	0	0·11	**Montgomery**		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·07	0	0	0·10	Pakpattan		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·09	0	0	0·11	Dipalpur		
																	Sandyanwala *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Farukhnagar	Gurgaon.	Punjab, Central.
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Jatusana		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	0·39	Rewari		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Shahjahanpur		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Tauru		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·04	0	0	0·33	Nuh		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·01	0	0	0·37	Firozpur		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Hodal		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Hattin		
...	...	...	...	...	...	...	...	...		0	?	0	0·02	0	0	0·69	Palwal		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Sohna		
...	...	...	...	...	...	...	...	...		0	?	0	0·01	0	0	0·52	**Gurgaon**		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Punahana		
...	...	...	...	...	...	...	...	...		0	?	0	0·02	0	0	0·39	**Rohtak**	Rohtak.	
...	...	...	...	...	...	...	...	...		0	0·1	0	0·03	0	0	0·33	Gohana		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·01	0	0	0·31	Sampla		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	0·24	Jhajjar		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·01	0	0	0·45	Ballabgarh	Delhi.	
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Mahrauli		
...	...	...	...	...	...	...	...	...		1	0·1	0·31	0·02	0·31	0·31	0·57	**Sadr (Delhi)**		
...	...	...	...	...	...	...	...	...		0	?	0	0·01	0	0	0·35	Sonepat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Central—*concluded.*	Karnal.	Panipat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Karnal ...	...	...	...	0·95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajaund ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kaithal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gulah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Thanesar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lahore.	Van *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chunian ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kasur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pambe *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sharakpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Niaz Beg *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lahore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Meean Meer *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manihala *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dafthu *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nijabat *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab Submontane.	Umballa.	Jagadhri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Umballa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naraingarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kharar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rupar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dadupur *C* ...	...	...	...	0·05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patiala State.	Kotra *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jodhpur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raniki *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lehal *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujran *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barthala *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nabha State.	Dadahur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bundher *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ludhiana.	Samrala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ludhiana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jagraon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jullundur.	Jullundur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nakodar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phillour ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nawashahr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of November 1898—continued.

25 22nd.	26 23rd.	27 24th.	28 25th.	29 26th.	30 27th.	31 28th.	32 29th.	33 30th.	34	35 Number of rainy days.	36 Average number of rainy days.	37 Total rainfall for the month.	38 Average rainfall for the month.	39 Heaviest rainfall during the month.	40 Total rainfall from 1st October 1898 up to 30th November 1898.	41 Average rainfall from 1st October up to 30th November.	3 Station.	2 District.	1 Meteorological Division.
...	...	...	...	...	...	...	...	...		0	0·1	0	0·07	0	0·03	0·28	Panipat	Karnal.	Punjab, Central—*concluded*.
...	...	...	...	...	...	...	...	...		1	0·3	0·95	0·08	0·95	0·95	0·43	**Karnal**		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Rajaund		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·03	0	0	0·14	Kaithal		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	9	?	Gulah		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·08	0	0	0·42	Thanesar		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·11	0	0	0·40	Van *C*	Lahore.	
...	...	...	...	...	...	...	...	...		0	0·1	0	0·02	0	0	0·32	Chunian		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·07	0	0	0·29	Kasur		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·11	0	0	0·33	Pambe *C*		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·08	0	0	0·21	Sharakpur		
...	...	...	...	...	...	...	...	...		0	?	0	0·21	0	0	0·66	Niaz Beg *C*		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·08	0	0	0·51	**Lahore**		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·31	0	0	0·88	Meean Meer *C*		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·07	0	0	0·30	Manihala *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Dafthu *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Nijabat *C*		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·15	0	0	0·58	Jagadhri	Umballa.	Punjab Submontane.
...	...	...	...	...	...	...	...	...		0	0·3	0	0·15	0	0	0·48	**Umballa**		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·10	0	0	0·71	Naraingarh		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·17	0	0	0·65	Kharar		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·17	0	0	0·55	Rupar		
...	...	...	...	...	...	...	...	...		0	?	0·05	?	0·05	0·05	?	Dadupur *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Kotra *C*	Patiala State.	
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Jodhpur *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Raniki *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Lehal *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Gujran *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Barthala *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Dadahur *C*	Nabha State.	
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Bundher *C*		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·11	0	0	0·64	Samrala	Ludhiana.	
...	...	...	...	...	...	...	...	...		0	0·3	0	0·09	0	0	0·53	**Ludhiana**		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·07	0	0	0·14	Jagraon		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·10	0	0	0·28	**Jullundur**	Jullundur.	
...	...	...	...	...	...	...	...	...		0	0·2	0	0·02	0	0	0·21	Nakodar		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·07	0	0	0·45	Phillour		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·12	0	0	0·34	Nawashahr		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, Submontane—*concluded.*	Hoshiarpur.	Dasuya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Una	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Garhshankar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr Station	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hoshiarpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gurdaspur.	Aliwal *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Batala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tibri *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gurdaspur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pathankot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dalhousie	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Madhopur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shakargarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Amritsar.	Buchar *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khara *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tarn Taran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raya *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Amritsar Jail Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Amritsar *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Buggeh *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ajnala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab, Hill Division.	Simla.	Kasauli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barauli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Simla	...	...	...	...	0·08	...	0·05	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kot Khai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kotgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kilba	...	...	...	...	0·40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab North-West.	Kangra.	Plach	...	...	...	...	0·15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kulu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palampur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hamirpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kangra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dharmsala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nurpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gujranwala.	Ramnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Wazirabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujranwala Sadr Kacheri.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shekhupura	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hafizabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khangah Dogran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rampur *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pacca Dalla *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Firoz *C*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sialkot.	Zafarwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pasrur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daska	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of November 1898—continued.

25 22nd.	26 23rd.	27 24th.	28 25th.	29 26th.	30 27th.	31 28th.	32 29th.	33 30th.	34	35 Number of rainy days.	36 Average number of rainy days.	37 Total rainfall for the month.	38 Average rainfall for the month.	39 Heaviest rainfall during the month.	40 Total rainfall from 1st October 1898 up to 30th November 1898.	41 Average rainfall from 1st October up to 30th November.	3 Station.	2 District.	1 Meteorological Division.
...	...	...	...	...	...	...	...	...		0	0·2	0	0·16	0	0	0·51	Dasuya	Hoshiarpur.	Punjab, Submontane—*concluded.*
...	...	...	...	...	...	...	...	...		0	0·3	0	0·11	0	0	0·44	Una		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·15	0	0	0·62	Garhshankar		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·07	0	0	0·49	**Sadr Station**		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Hoshiarpur		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·24	0	0	0·84	Aliwal *C*	Gurdaspur.	
...	...	...	...	...	...	...	...	...		0	0·1	0	0·10	0	0	0·47	Batala		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·22	0	0	0·54	Tibri *C*		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·13	0	0	0·39	Gurdaspur		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·26	0	0	0·51	Pathankot		
...	...	...	...	...	...	...	...	...		0	0·8	0	0·75	0	0	1·71	Dalhousie		
...	...	...	...	...	...	...	...	...		0	0·5	0	0·47	0	0	0·89	Madhopur *C*		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·22	0	0	0·68	Shakargarh		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·14	0	0	0·39	Buchar *C*	Amritsar.	
...	...	...	...	...	...	...	...	...		0	0·2	0	0·01	0	0	0·10	Khara *C*		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·05	0	0	0·35	Tarn Taran		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·11	0	0	0·49	Raya *C*		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·15	0	0	0·62	**Amritsar Jail Hospital.**		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Amritsar *C*		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·15	0	0	0·67	Buggeh *C*		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·09	0	0	0·47	Ajnala		
...	...	...	...	...	...	...	...	...		0	0·7	0	0·29	0	0	0·96	Kasauli	Simla.	Punjab, Hill Division.
...	...	...	...	...	...	...	...	...		0	0·7	0	0·48	0	0	1·03	Barauli		
...	...	...	...	...	...	...	...	...		0	0·6	0·13	0·54	0·08	0·13	1·46	**Simla**		
...	...	...	...	...	...	...	...	...		0	0·7	0	0·55	0	0	1·66	Kot Khai		
...	...	...	...	...	...	...	...	...		0	0·7	0	0·63	0	0	1·72	Kotgarh		
...	...	...	...	...	...	...	...	...		1	2·0	0·40	1·97	0·40	0·40	3·16	Kilba		
...	...	...	...	...	...	...	...	...		1	0·9	0·15	0·73	0·15	0·15	1·45	Plach	Kangra.	Punjab, North-West.
...	...	...	...	...	...	...	...	...		0	1·1	0	0·96	0	0·16	2·20	Kulu		
...	...	...	...	...	...	...	...	...		0	2·3	0	1·90	0	0	2·92	Nagar		
...	...	...	...	...	...	...	...	...		0	0·8	0	0·51	0	0·38	2·13	Palampur		
...	...	...	...	...	...	...	...	...		0	0·6	0	0·35	0	0	0·84	Hamirpur		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·26	0	0	0·66	Dera		
...	...	...	...	...	...	...	...	...		0	0·9	0	0·50	0	0	0·91	Kangra		
...	...	...	...	...	...	...	...	...		0	0·7	0	0·55	0	0·31	1·78	**Dharmsala**		
...	...	...	...	...	...	...	...	...		0	0·6	0	0·59	0	0	1·46	Nurpur		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·19	0	0	0·31	Ramnagar	Gujranwala.	
...	...	...	...	...	...	...	...	...		0	0·3	0	0·39	0	0	0·72	Wazirabad		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·24	0	0	0·69	**Gujranwala Sadr Kacheri.**		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·05	0	0	0·28	Shekhupura		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·10	0	0	0·46	Hafizabad		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Khangah Dogran		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Rampur *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Pacca Dalla *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Firoz *C*		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·24	0	0	0·43	Zafarwal	Sialkot.	
...	...	...	...	...	...	...	...	...		0	0·2	0	0·25	0	0	0·51	Pasrur		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·12	0	0	0·54	Raya		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·32	0	0	0·70	Daska		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·25	0	0	0·73	**Sialkot**		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, North-West—*concluded.*	Gujrat.	Sadr (Gujrat) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kharian ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Phalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhelum.	Pind Dadan Khan...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sadr Station (Jhelum)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chakwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Talagang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi.	Pindigheb ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fatahjang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Attock ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rawalpindi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gujar Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kahuta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Murree ...	...	...	...	...	0·07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peshawar.	Swabi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lahor (Utman Bolak)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nowshera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mardan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Katlang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Charsadda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nabakki ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Abazai *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khan Mahi *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Para Chinar (Kurram)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	D.	...	...	...
	Hazara.	Abbott-abad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mansahra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Haripur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kohat.	Kohat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hangu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Thal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banda Daud Shah...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fort Lockhart ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab West	Bannu.	Mianwali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Isa Khel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bannu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Marwat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Punjab for the month of November **1898—continued.**

25 22nd.	26 23rd.	27 24th.	28 25th.	29 26th.	30 27th.	31 28th.	32 29th.	33 30th.	34	35 Number of rainy days.	36 Average number of rainy days.	37 Total rainfall for the month.	38 Average rainfall for the month.	39 Heaviest rainfall during the month.	40 Total rainfall from 1st October 1898 up to 30th November 1898.	41 Average rainfall from 1st October up to 30th November.	3 Station.	2 District.	1 Meteorological Division.
...	...	...	...	...	...	...	...	...		0	0·3	0	0·36	0	0	0·92	**Sadr (Gujrat)**	Gujrat.	Punjab, North-West—*concluded.*
...	...	...	...	...	...	...	...	...		0	0·3	0	0·31	0	0	0·82	Kharian		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·21	0	0	0·69	Phalia		
...	...	...	...	...	...	...	...	...		0	0·5	0	0·44	0	0	0·82	Pind Dadan Khan	Jhelum.	
...	...	...	...	...	...	...	...	...		0	0·4	0	0·51	0	0	1·01	**Sadr Station (Jhelum)**		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·[illegible]3	0	0	0·53	Chakwal		
...	...	...	...	...	...	...	...	...		0	0·5	0	0·42	0	0	0·80	Talagang		
...	...	...	...	...	...	...	...	...		0	0·5	0	0·47	0	0	0·82	Pindigheb	Rawalpindi.	
...	...	...	...	...	...	...	...	...		0	0·7	0	0·29	0	0	0·87	Fatahjang		
...	...	...	...	...	...	...	...	...		0	0·9	0	0·40	0	0	0·62	Attock		
...	...	...	...	...	...	...	...	...		0	0·5	0	0·65	0	0	1·35	**Rawalpindi**		
...	...	...	...	...	...	...	...	...		0	0·6	0	0·68	0	0	1·79	Gujar Khan		
...	...	...	...	...	...	...	...	...		0	0·9	0	1·00	0	0	1·33	Kahuta		
...	...	...	...	...	...	...	...	...		0	0·6	0·07	1·26	0·07	0·07	2·80	Murree		
...	...	...	...	...	...	...	...	...		0	0·8	0	0·93	0	0	1·53	Swabi	Peshawar.	
...	...	...	...	...	...	...	...	...		0	0·9	0	0·83	0	0	1·24	Lahor (Utman Bolak)		
...	...	...	...	...	...	...	...	...		0	0·6	0	0·72	0	0	1·08	Nowshera		
...	...	...	...	...	...	...	...	...		0	0·7	0	0·72	0	0	1·00	Mardan		
...	...	...	...	...	...	...	...	...		0	1·1	0	0·91	0	0	1·12	Katlang		
...	...	...	...	...	...	...	...	...		0	0·7	0	0·72	0	0	0·90	Charsadda.		
...	...	...	...	...	...	...	...	...		0	0·5	0	0·69	0	0	0·84	Nabakki		
...	...	...	...	...	...	...	...	...		0	0·9	0	0·59	0	0	0·75	**Peshawar**		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Abazai *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Khan Mahi *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0·03	?	Para Chinar (Kurram)		
...	...	...	...	...	...	...	...	...		0	0·8	0	0·91	0	0	2·12	**Abbott-abad**	Hazara.	
...	...	...	...	...	...	...	...	...		0	0·8	0	1·03	0	0	2·06	Mansahra		
...	...	...	...	...	...	...	...	...		0	0·6	0	0·81	0	0	1·63	Haripur		
...	...	...	...	...	...	...	...	...		0	0·6	0	0·86	0	0	1·37	**Kohat**	Kohat.	
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Hangu		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Thal		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Banda Daud Shah		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Fort Lockhart		
...	...	...	...	...	...	...	...	...		0	0·8	0	0·42	0	0	0·49	Mianwali	Bannu.	Punjab, West.
...	...	...	...	...	...	...	...	...		0	0·6	0	0·48	0	0	0·56	Isa Khel		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·18	0	0	0·26	**Bannu**		
...	...	...	...	...	...	...	...	...		0	0·8	0	0·40	0	0	0·45	Marwat		

Table of Rainfall recorded at Stations in the

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Meteorological Division.	District.	Station.	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.
Punjab, West—*concluded.*	Shahpur.	Midh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sahiwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nurpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mitha Tiwana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sakesar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naushahra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khushab ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shahpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Miani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhang.	Shorkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhang ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chiniot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lyallpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Badwali *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khewra *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Laklani *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tarkhani *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muridwala *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lyallpur *C* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan.	Tank ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kulachi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera Ismail Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhakkar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Leiah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shekh Budin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. G. Khan.	Sanghar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dera Ghazi Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fort Munro ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jampur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muzaffargarh.	Alipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muzaffargarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sinanwan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mooltan.	Mailsi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lodhran ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Shujabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mooltan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kabirwala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NOTE—R denotes
D do.
T do.
H do.
S do.

Punjab for the month of November 1898—concluded.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	3	2	1
22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.		Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st October 1898 up to 30th November 1898.	Average rainfall from 1st October up to 30th November.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...		0	0·3	0	0·22	0	0	0·32	Midh	Shahpur.	Punjab, West—*concluded.*
...	...	...	...	...	...	...	...	...		0	0·5	0	0·34	0	0	0·56	Sahiwal		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·14	0	0	0·22	Nurpur		
...	...	...	...	...	...	...	...	...		0	0·7	0	0·32	0	0	0·39	Mitha Tiwana		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	0·14	Sakesar		
...	...	...	...	...	...	...	...	...		0	0·5	0	0·37	0	0	0·84	Naushahra		
...	...	...	...	...	...	...	...	...		0	0·4	0	0·35	0	0	0·46	Khushab		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·33	0	0	0·61	**Shahpur**		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·34	0	0	0·46	Bhera		
...	...	...	...	...	...	...	...	...		0	0·3	0	0·57	0	0	0·82	Miani		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·08	0	0	0·13	Shorkot	Jhang.	
...	...	...	...	...	...	...	...	...		0	0·2	0	0·04	0	0	0·07	**Jhang**		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·08	0	0	0·22	Chiniot		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Lyallpur		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Badwali *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Khewra *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Laklani *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Tarkhani *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Muridwala *C*		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Lyallpur *C*		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·03	0	0	0·03	Tank	D. I. Khan.	
...	...	...	...	...	...	...	...	...		0	?	0	0·09	0	0	0·10	Kulachi		
...	...	...	...	...	...	...	...	...		0	0·5	0	0·15	0	0	0·25	**Dera Ismail Khan**		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·11	0	0	0·11	Bhakkar		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·03	0	0	0·06	Leiah		
...	...	...	...	...	...	...	...	...		0	?	0	?	0	0	?	Shekh Budin		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·04	0	0	0·04	Sanghar	D. G. Khan.	
...	...	...	...	...	...	...	...	...		0	0·4	0	0·12	0	0	0·19	**Dera Ghazi Khan**		
...	...	...	...	...	...	...	...	...		0	0·2	0	0·07	0	0	0·31	Fort Munro		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·05	0	0	0·07	Jampur		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·02	0	0	0·04	Rajanpur		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·04	0	0	0·11	Alipur	Muzaffar-garh.	
...	...	...	...	...	...	...	...	...		0	0·1	0	?	0	0	0·06	**Muzaffargarh**		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·02	0	0	0·05	Sinanwan		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·06	0	0	0·10	Mailsi	Mooltan.	
...	...	...	...	...	...	...	...	...		0	0·1	0	0·06	0	0	0·06	Lodhran		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·09	0	0	0·09	Shujabad		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·04	0	0	0·06	**Mooltan**		
...	...	...	...	...	...	...	...	...		0	0·1	0	0·02	0	0	0·02	Kabirwala		

slight rain.
dust storm.
thunder.
hail.
snowfall.

P. D. SHROFF, SUPERINTENDENT,

Office of Director of Land Records and Agriculture, Punjab.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	2			3			4			5		
	QUANTITIES PER RUPEE BY THE											
	Wheat.			*Barley.*			*Rice (best sort).*			*Rice (common).*		
DISTRICTS.	Present fortnight ending 15th December 1898.	Past fortnight ending 30th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th December 1898.	Past fortnight ending 30th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th December 1898.	Past fortnight ending 30th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th December 1898.	Past fortnight ending 30th November 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	18	18	11	26	26	17	...	...	...	10	10	9
Rohtak ...	16	17	11	24	24	17	...	...	...	13	13	11
Gurgaon ...	16	16	11	25	25	18	...	...	...	9	9	8
Delhi ...	17	17	11	25	25	18	...	...	...	12	12	10
Karnál ...	18	18	12	31	31	18	...	...	...	10	8	8
Umballa ...	20	20	12	25	25	16	...	...	...	11	12	10
Simla ...	15	16	10	21	21	13	...	...	...	10	10	7
Kángra ...	20	20	13	28	28	18	...	...	...	15	15	12
Hoshiárpur ...	20	20	13	28	28	15	...	...	...	12	12	10
Jullundur ...	21	21	12	30	30	14	...	...	...	8	10	8
Ludhiána ...	22	22	12	33	34	17	...	...	...	11	11	6
Ferozepore ...	19	17	11	32	32	15	...	...	...	10	10	7
Mooltan ...	16	16	10	24	24	15	...	...	...	16	16	11
Jhang ...	20	19	11	27	26	17	...	...	...	12	12	9
Montgomery...	19	19	11	24	§	14	...	...	...	13	10	10
Lahore ...	17	18	12	33	35	14	...	...	...	12	12	11
Amritsar ...	19	19	11	34	34	15	...	...	...	11	11	8
Gurdáspur ...	21	21	12	40	40	16	...	...	...	13	13	9
Siálkot ...	19	19	11	34	33	15	...	...	...	14	14	10
Gujrát ...	19	19	11	28	28	15	...	...	...	9	9	8
Gujránwála ...	19	20	12	40	40	16	...	...	...	13	14	8
Shahpur ...	20	20	12	32	30	15	...	...	...	11	8	6
Jhelum ...	19	19	12	32	32	17	...	...	...	12	12	8
Ráwalpindi ...	17	17	11	31	30	16	...	...	...	10	9	7
Hazára ...	19	18	11	18	29	18	...	...	...	10	10	8
Pesháwar ...	16	16	10	29	31	17	...	...	...	10	[illegible]	8
Kohát ...	16	16	11	23	24	19	...	...	...	13	[illegible]	8
Bannu ...	20	20	15	35	36	24	...	...	...	14	14	9
D. I. Khan ...	19	18	13	24	24	13	...	...	...	8	8	6
D.G. Khan ...	15	16	10	23	22	14	...	...	...	14	14	10
Muzaffargarh	18	18	11	23	23	14	...	...	...	15	15	10

† Not pro

§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH DECEMBER 1898.

ORDINARY SEER OF 80 TOLAS.

6			7			1
Jowár or Cholum (Sorghum vulgare).			*Bájra or Cumbu (Pennisetum Typhoideum).*			Districts.
Present fortnight ending 15th December 1898.	Past fortnight ending 30th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th December 1898	Past fortnight ending 30th November 1898.	Corresponding fortnight of 1897.	
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
24	22	22	19	19	21	Hissar.
22	24	22	20	21	18	Rohtak.
25	24	20	23	22	20	Gurgaon.
24	25	19	22	22	18	Delhi.
27	27	22	20	20	16	Karnál.
29	26	25	23	21	19	Umballa.
24	24	12	17	17	12	Simla.
†	†	†	†	†	†	Kángra.
24	23	17	17	16	15	Hoshiárpur.
27	26	16	21	21	10	Jullundur.
28	29	19	22	23	17	Ludhiána.
26	25	17	21	19	17	Ferozepore.
26	25	15	24	24	14	Mooltan.
36	31	20	27	26	15	Jhang.
28	§	17	24	§	16	Montgomery.
25	25	17	19	19	16	Lahore.
25	25	16	17	18	15	Amritsar.
28	28	16	11	11	11	Gurdáspur.
24	31	17	22	22	15	Siálkot.
23	23	14	22	22	15	Gujrát.
26	32	13	18	24	9	Gujránwála.
22	22	16	22	22	16	Shahpur.
24	24	16	24	24	15	Jhelum.
34	31	15	21	22	15	Ráwalpindi.
§	§	§	18	18	11	Hazára.
36	35	14	20	19	12	Pesháwar.
§	§	§	21	20	16	Kohát.
41	41	17	26	28	20	Bannu.
24	25	23	23	24	16	D. I. Khan.
22	22	16	20	21	16	D. G. Khan.
20	20	14	22	22	14	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Wheat.—Prices average 18 seers as compared with 18 seers in last fortnight and 12 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Umballa ...	12	20	20
Ludhiána ...	12	22	22
Gurdáspur ...	12	21	21
Gujrát ...	11	19	19
Hazára ...	11	18	19
Muzaffargarh ...	11	18	18

Barley.—Prices average 29 seers as compared with 29 seers in last fortnight and 16 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Karnál ...	18	31	31
Ferozepore ...	15	32	32
Gurdáspur ...	16	40	40
Gujránwála ...	16	40	40
Peshâwar ...	17	31	29

Rice.—Prices average 12 seers as compared with 12 seers in last fortnight and 9 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Delhi ...	10	12	12
Ludhiána ...	6	11	11
Mooltan ...	11	16	16
Gujránwála ...	8	14	13
Bannu ...	9	14	14
Muzaffargarh ...	10	15	15

Jowár.—Prices average 27 seers as compared with 27 seers in last fortnight and 17 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Delhi ...	19	25	24
Jullundur ...	16	26	27
Jhang ...	20	31	36
Ráwalpindi ...	15	31	34
Bannu ...	17	41	41
Muzaffargarh ...	14	20	20

Bájra.—Prices average 21 seers as compared with 21 seers in last fortnight and 15 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

	Same fortnight in 1897.	Last fortnight.	This fortnight.
	Srs.	Srs.	Srs.
Delhi ...	18	22	22
Jullundur ...	10	21	21
Jhang ...	15	26	27
Gujránwála ...	9	24	18
Peshâwar ...	12	19	20
Muzaffargarh ...	14	22	22

duced.
curable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

QUANTITIES PER RUPEE BY

1	8			9			10			11		
	Mandwa, Marua or Ragi (Eleusine Corecana).			*Kangni or Kakun, Italian Millet (Sitaria Italica).*			*Gram, Chana, Chola, Kadalay or Sunaga (Cicer Arietinum).*			*Maize (Zea Mays).*		
DISTRICTS.	Present fortnight ending 15th December 1898.	Past fortnight ending 30th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th December 1898.	Past fortnight ending 30th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th December 1898.	Past fortnight ending 30th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th December 1898.	Past fortnight ending 30th November 1898.	Corresponding fortnight of 1897.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Hissar ...	†	†	†	†	†	†	24	23	14	†	†	20
Rohtak ...	†	†	†	10	10	10	21	21	12	27	28	15
Gurgaon ...	†	†	†	†	†	†	21	21	12	26	25	15
Delhi ...	†	†	†	14	13	13	20	20	11	27	27	19
Karnál ...	33	33	22	12	8	8	20	20	10	27	28	18
Umballa ...	§	§	22	16	16	17	22	22	11	30	29	22
Simla ...	18	18	13	10	10	8	16	17	9	21	24	15
Kángra ...	§	§	§	‡	‡	‡	19	19	9	28	30	20
Hoshiárpur ...	20	20	14	14	14	12	23	23	12	27	26	19
Jullundur ...	§	§	§	20	20	12	24	23	11	30	29	19
Ludhiána ...	†	†	†	18	18	14	25	26	11	33	34	20
Ferozepore ...	†	†	†	16	16	14	24	24	11	26	28	18
Mooltan ...	†	†	†	20	20	12	19	18	11	26	24	15
Jhang ...	35	40	16	35	40	22	22	20	10	32	32	20
Montgomery ...	§	§	§	§	§	†	24	23	11	28	‡	18
Lahore ...	§	§	§	22	22	17	21	22	11	27	27	17
Amritsar ...	§	§	†	21	21	14	24	24	11	27	29	16
Gurdáspur ...	§	§	§	16	16	12	22	22	11	30	28	18
Siálkot ...	§	§	§	§	§	§	22	20	11	23	23	17
Gujrát ...	†	†	†	10	10	7	20	20	10	23	23	16
Gujránwála ...	†	†	†	22	24	12	21	23	10	25	25	12
Shahpur ...	24	24	16	16	16	16	25	24	12	22	20	14
Jhelum ..	‡	‡	‡	22	‡	‡	21	21	12	23	23	16
Ráwalpindi ...	‡	‡	‡	15	16	12	21	20	10	25	24	16
Hazára ..	†	†	†	§	§	§	16	16	9	25	25	15
Peshávar ...	†	†	†	18	18	14	17	18	9	26	27	17
Kohát ...	†	†	†	§	§	†	19	19	12	23	23	16
Bannu ..	13	13	13	7	7	7	26	26	13	32	33	24
D. I. Khan ...	§	§	§	‡	‡	4	23	23	14	30	30	14
D. G. Khan ...	§	§	§	§	§	§	19	20	11	§	§	§
Muzaffargarh ...	§	§	§	§	§	§	19	19	10	§	§	§

† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH DECEMBER 1898—continued.

12			13			1
THE ORDINARY SEER OF 80 TOLAS.						
Arhur or Thur, Cadjan Pea (Cajanus Indicus). (Husked).			*Firewood.*			
Present fortnight ending 15th December 1898.	Past fortnight ending 30th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th December 1898.	Past fortnight ending 30th November 1898.	Corresponding fortnight of 1897.	DISTRICTS.
Srs.	Srs.	Srs.	Srs.	Srs.	Srs.	
†	†	†	100	100	100	Hissar.
16	15	10	120	120	100	Rohtak.
15	15	11	130	130	160	Gurgaon.
14	13	10	80	80	100	Delhi.
16	15	9	160	160	160	Karnál.
§	§	§	160	160	145	Umballa.
8	8	7	75	75	70	Simla.
14	14	8	100	100	100	Kángra.
8	6	8	100	100	110	Hoshiárpur.
§	§	§	80	85	100	Jullundur.
11	11	6	110	110	95	Ludhiána.
11	11	7	100	90	100	Ferozepore.
†	†	†	90	90	110	Mooltan.
6	6	8	130	140	145	Jhang.
10	10	‡	250	250	310	Montgomery.
12	12	7	80	89	75	Lahore.
11	11	§	90	90	100	Amritsar.
§	§	§	80	100	120	Gurdáspur.
§	§	§	100	110	130	Siálkot.
†	†	†	110	110	110	Gujrát.
‡	‡	7	95	95	95	Gujránwála.
‡	‡	†	160	160	160	Shahpur.
9	10	‡	120	120	120	Jhelum.
11	11	‡	65	65	58	Ráwalpindi.
†	†	†	100	100	81	Hazára.
11	10	16	76	60	33	Peshávar.
†	†	†	82	82	64	Kohát.
10	10	5	70	70	60	Bannu.
11	‡	5	125	120	125	D. I. Khan.
§	§	§	100	100	100	D. G. Khan.
8	8	‡	110	140	140	Muzaffargarh.

REMARKS ON CURRENT VARIATIONS.

Gram.—Prices average 21 seers as compared with 21 seers in last fortnight and 11 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Srs.	Srs.	Srs.
Umballa	...	11	22	22
Ludhiána	...	11	26	25
Amritsar	...	11	24	24
Shahpur	...	12	24	25
Bannu	...	13	26	26
Muzaffargarh	...	10	19	19

Maize.—Prices average 27 seers as compared with 27 seers in last fortnight and 17 seers in corresponding period of 1897. The chief variations in each Division from the same period in 1897 are—

		Same fortnight in 1897.	Last fortnight.	This fortnight.
		Srs.	Srs.	Srs.
Rohtak	...	15	28	27
Ludhiána	...	20	34	33
Gurdáspur	...	18	28	30
Gujránwála	...	12	25	25
Hazára	...	15	25	25
D. I. Khan	...	14	30	30

duced.

curable.

PRICES CURRENT OF FOOD GRAINS, &c., SALT, GUR AND COTTON IN THE SEVERAL DISTRICTS

1	14					
	QUANTITIES PER RUPEE BY					
	Salt					
	Present fortnight ending 15th December 1898.		Past fortnight ending 30th November 1898.		Corresponding f[illegible]ight of 1897.	
DISTRICTS.	Wholesale	Retail.	Wholesale.	Retail.	Wholesale.	Retail.
	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.
Hissar	12 0	11 0	12 0	11 0	11 4	11 0
Rohtak	11 0	11 0	11 0	11 0	11 0	11 0
Gurgaon	12 0	11 0	12 0	11 0	12 0	11 0
Delhi	12 4	12 0	12 4	12 0	12 0	11 8
Karnál	11 0	10 8	11 0	10 8	11 0	10 8
Umballa	13 0	12 12	13 0	12 12	13 0	12 12
Simla	10 0	9 0	10 0	9 8	9 0	8 8
Kángra	*	11 0	*	11 0	*	11 0
Hoshiárpur	13 0	12 12	13 0	12 12	13 0	12 12
Jullundur	13 4	13 0	13 4	13 0	13 4	13 0
Ludhiána	14 0	13 0	14 0	13 0	13 0	12 8
Ferozepore	12 12	12 8	12 12	12 8	12 12	12 8
Mooltan	13 0	12 8	13 0	12 8	12 8	12 8
Jhang	13 0	12 12	13 0	12 0	12 0	11 8
Montgomery	12 12	12 8	12 12	12 8	12 12	12 8
Lahore	13 8	12 12	13 8	12 14	13 5	12 13
Amritsar	13 0	12 0	13 0	12 0	13 0	12 0
Gurdáspur	13 0	12 0	13 0	12 0	13 0	12 0
Siálkot	14 0	13 12	14 0	13 12	14 0	13 12
Gujrát	*	13 0	*	14 0	*	14 0
Gujránwála	13 12	13 8	13 12	13 8	13 12	13 8
Shahpur	13 0	13 0	13 8	13 0	13 12	13 8
Jhelum	14 0	14 0	14 0	14 0	14 0	14 0
Ráwalpindi	14 0	13 12	14 0	13 0	13 12	13 8
Hazára	*	11 8	*	11 8	*	11 0
Peshawar	18 0	17 0	18 0	17 0	14 0	13 0
Kohát	20 8	16 10	20 6	15 5	16 10	14 [illegible]
Bannu	22 8	20 10	22 8	20 10	22 8	20 0
D. I. Khan	16 0	15 12	16 12	16 6	16 0	15 0
D. G. Khan	12 0	11 0	12 0	11 0	12 8	11 4
Muzaffargarh	*	12 0	*	12 0	*	12 0

* No whole
† Not pro
‡ Not sold.
§ Not pro

OF THE PUNJAB DURING THE FORTNIGHT ENDING 15TH DECEMBER 1898—concluded.

15			16			1	
THE ORDINARY SEER OF 80 TOLAS.							
Gur.			*Cotton (unginned).*				
Present fortnight ending 15th December 1898.	Past fortnight ending 30th November 1898.	Corresponding fortnight of 1897.	Present fortnight ending 15th December 1898.	Past fortnight ending 30th November 1898.	Corresponding fortnight of 1897.	DISTRICTS.	REMARKS ON CURRENT VARIATIONS.
Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.	Srs. C.		
11 0	9 0	9 0	8 0	8 0	8 0	Hissar.	
15 0	12 0	12 0	10 0	11 0	10 0	Rohtak.	
13 0	11 0	12 0	10 0	10 0	9 0	Gurgaon.	
9 0	9 0	9 0	10 0	10 0	9 0	Delhi.	
11 0	11 0	10 0	12 0	12 0	11 0	Karnál.	
10 12	9 0	9 12	11 8	12 0	11 0	Umballa.	
6 8	5 0	6 0	†	†	†	Simla.	
9 0	6 8	6 8	6 0	6 0	6 0	Kángra.	
10 0	8 8	9 8	10 0	9 8	10 0	Hoshiárpur.	
9 0	7 8	10 0	11 0	11 0	11 0	Jullundur.	
12 0	12 0	8 8	10 0	10 0	7 8	Ludhiána.	
9 12	7 12	8 12	9 12	9 12	8 4	Ferozepore.	
8 8	7 8	7 8	10 0	9 0	8 0	Mooltan.	
9 8	8 0	7 8	12 0	11 4	9 0	Jhang.	
10 8	9 0	8 8	10 0	10 0	‡	Montgomery.	
10 4	8 14	9 0	9 14	10 0	8 14	Lahore.	
12 0	11 0	10 0	9 4	9 12	8 12	Amritsar.	
13 0	11 8	11 8	10 0	10 0	8 0	Gurdáspur.	
12 0	11 0	10 8	9 0	9 0	8 8	Siálkot.	
12 0	8 8	9 0	9 0	9 0	8 0	Gujrát.	
10 0	11 0	8 0	10 0	10 0	8 0	Gujránwála.	
10 8	8 0	8 8	9 0	10 0	9 0	Shahpur.	
10 0	9 0	9 12	8 0	10 0	9 0	Jhelum.	
9 12	8 12	8 12	9 12	8 12	8 12	Ráwalpindi.	
6 12	7 8	6 12	§	§	§	Hazára.	
8 11	7 14	8 2	10 0	10 0	8 12	Pesháwar.	
8 13	8 5	7 7	10 3	11 8	11 8	Kohát.	
11 9	9 11	10 15	10 0	10 0	8 12*	Bannu.	
8 12	8 12	8 12	‡	‡	11 4	D. I. Khan.	
7 8	7 3	6 4	10 0	10 0	8 12	D. G. Khan.	
8 0	8 0	8 8	9 8	9 8	8 0	Muzaffargarh.	

sale salt sold.
duced.

curable.

TULSI DAS, *Clerk of Statistics,*
Office of Director of Land Records and Agriculture, Punjab.

STATEMENT SHOWING PRICES CURRENT (WHOLESALE) OF FOOD GRAINS, &c., IN THE MART AT THE HEAD-QUARTERS

1	2	3	4	5	6	7	8	9	10	11	12
	WHOLESALE PRICE PER MAUND OF 82$\frac{2}{7}$ lbs.										
NAME OF DISTRICT.	Rice, unhusked.	Rice, husked.	Wheat.	Barley.	Jowár.	Bájra.	Maize.	Gram.	Arhar dál.	Linseed.	Mustard and Rape-seed.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Delhi	2 1 8	3 1 3	2 3 7	1 8 7	1 10 1	1 13 1	1 7 3	1 15 3	2 12 2	4 0 0	3 5 4
Ferozepore ...	1 8 7	4 0 0	2 1 8	1 4 0	1 8 7	1 14 9	1 8 7	1 10 8	3 10 2	4 7 1	5 0 0
Mooltan	1 4 9	2 6 9	2 7 4	1 9 7	1 7 8	1 9 7	1 7 8	2 0 9	...	4 0 0	3 10 2
Lahore	1 10 8	3 1 4	2 2 2	2 2 1	1 8·5	1 15 7	1 6 10	1 13 0	3 2 8	3 2 2	3 2 2
Amritsar	1 10 8	3 5 4	2 0 0	1 2 3	...	...	...	1 9 7	...	...	3 1 3
áwalpindi ...	1 11 10	4 12 3	2 5 1	1 4 0	1 2 0	1 13 0	1 8 6	1 14 0	3 7 0	3 0 3	3 10 0

OF SELECTED DISTRICTS IN THE PUNJAB DURING THE FORTNIGHT ENDING 15TH DECEMBER 1898.

13	14	15	16	17	18	19	20	21	22	23	24	25	26
OR 40 SEERS OF 80 TOLAS EACH.													
Poppy seed.	Til (Jinjilli seed).	Sugar (raw).	Cotton (cleaned).	Ghi.	Flour (wheat).	Tobacco leaf.	Turmeric.	Hides (cow).	Grass.	Straw.	Jowár stalks.	Plough bullocks, per pair.	Sheep, per score.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
20 0 0	4 7 1	4 0 0	10 0 0	32 0 0	2 10 8	8 0 0	12 4 11	...	0 12 9	0 10 8	0 12 9	125 0 0	60 0 0
5 11 5	4 7 1	4 0 0	11 0 0	30 0 0	2 10 8	5 0 0	13 5 4	45 0 0	0 5 3	0 5 3	0 6 4	75 0 0	50 0 0
5 0 0	4 0 0	4 7 0	12 5 4	32 0 0	3 1 3	10 0 0	14 8 8	...	0 4 11	0 8 0	0 8 0	70 0 0	50 0 0
4 10 2	3 10 2	3 11 7	11 3 7	33 11 0	2 9 4	5 5 4	10 0 6	32 8 0	0 10 8	0 7 1	...	112 8 0	100 0 0
...	4 0 0	3 3 2	12 4 11	...	2 8 0	3 10 0	...	...	...	0 6 5	...	...	...
5 0 0	4 0 0	4 0 0	12 5 0	27 13 3	2 10 0	4 0 0	15 0 0	29 0 0	0 5 4	0 8 0	0 5 4	60 0 0	60 0 0

TULSI DAS, *Clerk of Statistics,*

Office of Director of Land Records and Agriculture, Punjab.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 3rd December 1898 on 162·24 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other Earnings (estimated).	Total Earnings.	Traffic train-miles run.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Srs.	Rs. A. P.	Rs A. P.	Rs A P.			
Total traffic for the week	19,222	19,972 7 0	78,658 0	10,545 1 0	83 0 0	30,600 8 0	7,461	3,761	11,222
Or per mile of Railway	...	123 1 8	...	65 0 0	0 8 2	188 9 10	...	...	...
For previous 21 2/7 weeks of half-year	*367,019	*3,45,216 12 0	†13,00,914 0	†1,99,230 9 0	‡1,267 0 0	5,45,714 5 0	153,379	73,329	226,708
Total for 22 2/7 weeks ...	386,241	3,65,189 3 0	13,79,572 0	2,09,775 10 0	1,350 0 0	5,76,314 13 0	160,840	77,090	237,930
COMPARISON.									
Total for corresponding week of previous year ...	15,502	21,375 4 2	85,007 30	14,194 2 0	64 6 6	35,633 12 8	6,902	4,194	11,096
Per mile of Railway corresponding week of previous year.	...	131 12 0	...	87 7 10	0 6 4	219 10 2	...	...	...
Total for corresponding 22 2/7 weeks of previous year ...	378,093½	4,62,518 4 10	18,07,186 20	2,97,888 14 9	2,074 6 9	7,62,481 10 4	173,056	93,505	266,561

* Deducted No. of passengers 323 and Rs. 555 } on account of difference between the Approximate and Audited figures for the week ended 22nd October 1898.
† Added Mds. 9,813 and „ 1,246
‡ Do. „ 40

J. DOUGLAS,
Chief Auditor.

EAST INDIAN RAILWAY,
AUDIT OFFICE,
The 8th December 1898.